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ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

March 1921

Immense Timber Resources Give Arkansas Leadership Among the States in the Production of Useful Woods

"Arkansas is one of the few states which still have large areas of commercial forest awaiting utilization. Originally the entire state, excepting about 900 square miles of prairie was clothed with almost unbroken forest. The land area is 33,616,000 acres of which 24,200,000 acres, or 72 per cent, is now woodland and forest. Estimates of the present stand of commercial timber within the state vary from 30 to 50 billion feet."—Samuel J. Record, Yale School of Forestry.

"The woodlands grade from tracts heavily timbered with valuable species down to those containing little more than brush," says Forest Service Bulletin No. 106, issued by the U. S. Department of Agriculture. "Lumbering began in the state on a small scale a century ago, and cutting has gone on ever since. Systematic lumbering in Arkansas, however, is comparatively recent, and the State is today one of the richest in timber resources. About 100 kinds of trees grow there, but some of them are not now put to use, because they are too small or too scarce. About 60 kinds are cut and sold, but not more than half are commonly distinguished as separate species in the regions where they are cut.

"The principal growth of shortleaf pine is in the southwestern part of the state; loblolly is found in the valleys of the Ouachita and Little Missouri Rivers; cypress along the White, Red, Ouachita, Saline and Arkansas rivers; longleaf pine near the Louisiana and Texas borders; while the hardwoods grow in all parts of the state, but in largest quantity in the northern portions.

"The total annual drain upon the forests of Arkansas is not much, if any, short of 5,000,000,000 board feet. Latest returns credit the state with a

Every Fifth Tree That Falls in Arkansas is a Shortleaf Pine



Pine Logs Ready for Sawing at One of Arkansas' Big Lumber Plants.

Farmers Complain of High Prices for Fertilizer This Year

Complaints are coming into the department from many sources as a result of the high prices being asked for commercial fertilizers needed for the crops soon to be planted. Notwithstanding the fact that the prices of farm products have been tremendously reduced, as in the case of cotton and rice, and the farmer's purchasing power in the state has been curtailed by \$135,000,000 as compared with last year, the prices of nearly all mixed fertilizer have been advanced.

Speaking of this situation the Commissioner of Agriculture of Alabama says: "In 1920 when the farmer received a good price for all his products he could buy acid phosphate at wholesale at \$26 per ton. Today with no living markets for farm products the fertilizer manufacturers are asking \$28 per ton for acid phosphate. In 1920 the wholesale price of 10-2-2 guano was \$44, today it is \$42. These prices cannot be justified on account of scarcity of fertilizer material. Statistics secured from the Federal Agricultural Department at Washington show that in 1913 there were 500,000 tons of nitrate of soda in this country. Today we have three times as much, or 1,500,000 tons. We have 4,500,000 tons of acid phosphate which is approximately the same amount as in 1913.

lumber output of 2,111,300,000 feet; cooperage, lath, veneer, shingles, etc., 114,312,000 feet; firewood 2,581,674,000 feet; and crossties, poles, cross arms and wood distillation unknown. The enormous quantity of forest material annually supplied by Arkansas is not exceeded by that of more than two or three other states.

"Nearly every wood possesses some quality which fits it for certain pur-

We have 240,000 tons of potash which is in excess of what we had in 1913. In the face of these facts manufacturers are asking twice the price now that they did in 1913."

Farmers who feel that prices are too high are forming plans for the cooperative buying of acid phosphate, duplex basic phosphate, cotton seed meal, nitrate of soda, peanut meal, slaughter house and fish products, kainit and muriate of potash, the principal raw materials, for the making up of their own fertilizer, by the doing of which it is estimated they will save several millions of dollars.

poses. It may be color, grain, weight, strength, elasticity, facility in taking stain, lasting properties, freedom from taste or odor, or perhaps cheapness. The woods will be briefly described.

"Shortleaf pine.—Nearly three-fourths of all the wood employed for manufacturing purposes in Arkansas is shortleaf pine. It is probable that some loblolly pine is listed with it. Shortleaf pine in Arkansas is gener-

It is said that the price of kainit in sacks at port is \$1.25 per unit. Nitrate of soda is quoted at \$53 per ton at port and cotton seed meal is selling around \$30 a ton. Duplex basic phosphate is sold for \$18 with a \$4 rebate for the return of sacks.

The Arkansas Fertilizer Company on Feb. 21 quoted acid phosphate, 16 per cent, at \$30.75 a ton delivered in car lots; Twentieth Century Fertilizer 9-1.65-2, \$43.25 a ton; Early Potato and Truck Fertilizer, 8-2.50-4, \$52.50, and Vegetable Fertilizer 7-50-2-3, \$46.50. These prices, it was explained, are all subject to a discount of 7 per cent for cash.

ally considered of a higher grade than the same species grown in other regions. It is soft, of good color, and the wide annual rings show well in the grain. It is a favorite material for sash, doors, and ceilings; and is well liked for flooring, though its softness places it at a little disadvantage for the last use as compared with longleaf pine. Shortleaf grows faster than longleaf, particularly during the first 30 or 40 years; and the sapwood is thick. Sometimes sawlogs have very little heartwood. In this respect it resembles loblolly.

Longleaf pine.—Longleaf pine is not abundant in Arkansas, and three-fourths of that reported was brought in from Louisiana, Mississippi and Texas. It is a slow-growing tree, and the wood is very strong, stiff and durable, making it suitable for trusses, frames and beams where strength is wanted. It is one of the best floor woods in the country. Its narrow rings and thin sapwood serve in almost all cases to distinguish it from shortleaf, loblolly and Cuban pine, which have thick sapwood and wide rings. Further south these four species frequently grow in the same localities, but seldom or never associate in Arkansas, where loblolly and longleaf are rather scarce, and the Cuban pine is not found.

Red gum.—Arkansas produces more red gum lumber than any other state and one-half of the mill output is further manufactured at home. The rise of this wood from obscurity to prominence has been phenomenal. Once considered practically worthless, it now stands high among furniture and finish woods, for musical instruments, and for many other purposes. It may be successfully finished to imitate Cir-

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Grinding of Whole Rice for Feed Permitted by Ruling

On the petition of many of the rice growers of the state Commissioner Jim G. Ferguson has granted permission for the grinding of whole rice and its sale as a stock feed, with the restriction that the material must be reduced to a degree of fineness that will render the hull of the rice digestible and safe for feeding.

The unrestricted mixture or use of rice hulls in feed is forbidden for the reason that the hull contains a large per centage of silica and its mechanical composition is such as to make it difficult of assimilation and injurious to the tender membranes and tissues of the stomachs of stock. This objection can be overcome, it is believed, by a thorough grinding of the grain and before the sale of the new rice feed is permitted the manufacturers must show to the department that the milling process is satisfactory.

There are millions of bushels of rice in the warehouses of the state with no market. At the same time the farmers of the state are paying high prices for imported feedstuffs. By manufacturing the surplus rice into feed the rice growers will be able to release some of their holdings and the supply of feed will be materially increased.

Ground rice makes an excellent feed for stock and at present prices rice is cheaper than any other grain that can be used for this purpose.

ARKANSAS FARM, AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

Farmograms

Wage rates for farm labor reached their highest point in the history of this country in 1920, as national averages. As ascertained by the Bureau of Crop Estimates, United States Department of Agriculture, the average wage rate for labor hired by the month was \$46.89 with board, and \$64.95 without board; for day labor at harvest, \$3.60 with board, and \$4.36 without board.

Suitable plantings are necessary to unite the parts of a farmstead into a pleasing, homelike whole. Trees are used for windbreaks, as frames for the buildings on a background for them, and to give shade. Shrubs are needed in abundance to hide partially the foundation lines of buildings, support their corners, give reasons for turns in drives or walks and to screen unsightly objects. Native trees and shrubs and those known by trial to thrive in the locality are the best to use.

Nearly 10,000,000 less head of live stock were on farms in the United States on January 1, 1921, than a year preceding, according to estimates based upon reports of agents and correspondents of the Bureau of Crop Estimates, United States Department of Agriculture. Horses decreased about 602,000 head, or 2.9 per cent; mules decreased slightly, 42,000, or 0.8 per cent; milk cows decreased 298,000 or 1.3 per cent; other cattle decreased 1,880,000, or 4.2 per cent; swine decreased 5,078,000, or 7.1 per cent; and sheep decreased 2,047,000, or 4.3 per cent.

Government Inventory Shows the World Is Overstocked on Cotton

That the world is overstocked on cotton and that a substantial reduction in production must ensue before the grower can expect prices to return to a level that will insure a fair profit is emphasized by a recent statement from the United States Bureau of Markets which reads:

Sources of the World's Supply of Cotton.

	Bales
United States, crop of 1920-1921	12,987,000
India	4,676,000
Egypt	1,315,000
Other Countries	800,000
Carry over from crop of 1919-1920	5,848,000
Total World's Supply	25,624,000
Less estimated world's consumption up to July 31, 1921	15,757,292

Surplus, or Carry Over..... 9,866,708

If the 1921-1922 crop should be equal to that of last year and approximately 20,000,000 bales is added to this reserve of nearly 10,000,000 bales, it would create world stocks aggregating 30,000,000 bales which could have no other effect than to further demoralize the market and depress prices to the point where it would be ruinous to the grower.

With American bank credits restricted, foreign finances crippled to

such an extent that Europe is unable to buy our cotton, and with the domestic mills reducing their takings there seems to be but one way in which the farmer can meet the situation and that is to either go out of the cotton business or materially reduce his acreage until the world has absorbed the enormous accumulated surplus of cotton. Instead of growing 13,000,000 bales next year the south should produce not more than 6,000,000 bales and statesmen should do everything possible through legislation and diplomacy to open the markets of Europe and provide the necessary financial machinery for the debt-burdened countries across the seas to buy our cotton.

Then we may get a reasonable price for the cotton which we have on hand and with the mills of the world all busy we can soon expect a gradual increase in consumption, which will permit our returning gradually to normal production. But this is not to be expected until our surplus stocks are worked off and the capacity of the mills are increased to a point nearer that of production. When prices are low we must stimulate consumption and restrict production. When prices are good we can increase production. This is the cotton situation in a nutshell.

The Petroleum Industry

The number of producing oil wells in the United States according to the U. S. Geological Survey, on Oct. 31, 1920, was approximately 258,600, and the average production per well per day was 4.98 barrels. On this basis the production of the American oil wells for one year would be 463,680,000 barrels.

The largest number of producing wells are in Pennsylvania, in all 67,600 with an average production of 0.3 barrels, (approximately 12 gallons) per day. The largest production per well per day is in the Gulf Coast field in Texas, where it averages 49.7 barrels per well.

The producing wells of the United States are located as follows: Texas, Central and North, 9,400; Gulf Coast, 1,700; California, 9,400; Oklahoma, 50,700; Kansas, 15,700; Louisiana, 2,700; Wyoming and Montana, 1,000; Illinois, 16,800; Kentucky, 7,800; West Virginia, 19,500; Pennsylvania, 67,600; Ohio, 39,600; Indiana, 2,400; New York, 14,040; and Colorado, 70. Total 258,600 wells, producing in November, 1920, 39,090,000 barrels.

Oil development was very active during 1920 in North and Central Texas, and 5,450 new wells were completed of which 3,600 were oil producers, 175 were gas wells and 1,680 were dry holes. The daily production from these wells was 776,000 barrels of oil and 1,627,500,000 cubic feet of gas. The output for the year is estimated at 70,138,000 barrels.

Reports on Arkansas Drainage

The Director of the Census announces, subject to correction, the following preliminary figures for organized drainage enterprises in the State of Arkansas:

Total area in organized drainage enterprises, acres	4,405,509
Improved farm land, acres	1,863,581

Timbered and cut-over land	
acres	2,390,395
Other unimproved land,	
acres	151,933
Total land area of state,	
acres	33,616,000
Area of state in drainage enterprises, 13.1 per cent.	
Swampy or wet or subject to overflow, in organized drainage enterprises, acres	1,351,990
Cost of organized drainage enterprises, total	\$15,493,820

Timber Resources of Arkansas.

(Continued From Page One)

cassian walnut, oak, mahogany, and other expensive cabinet woods. Its own grain finished naturally from carefully selected logs is scarcely surpassed by any wood of this country. In Europe it is known as satin walnut.

White oak.—Several species belonging to the white oak group are reported in Arkansas simply as white oak. Among these are the true white oak, post oak, bur oak, overcup oak, swamp white oak and cow or basket oak. There is not much difference in the woods, and they are seldom sold separately in this region.

Red oak.—A number of Arkansas oaks are grouped as red oak in the lumber yard and factory. The true red oak is not plentiful in Arkansas. The most common tree of the red oak group in the State is the Texan or spotted oak. Willow oak, yellow or black oak, water oak and Spanish oak are cut in large or small amounts and listed as red oak. In some industries, such as machinery and vehicle, the white and red oaks are valued chiefly for their strength, while in others, like the furniture and interior finish, the figure and grain of the wood are most important. Some of the oaks possess much handsomer grain than others, and sell for more. The grain is best brought out by quarter sawing, which exposes the flat sides of the medullary rays, the bright clear streaks or flakes so prominent in the oaks.

Hickory.—Without counting pecan, there are five species of hickory cut and manufactured in Arkansas, but all go under one name. The kinds are known separately as mocker nut, paleleaf hickory, chagbark, bitternut and pignut. All of these bear a general resemblance. The wood is strong, tough and elastic, and these properties fit it for special purposes, chiefly for vehicles and handles. It is perhaps the most nearly indispensable wood growing in this country, and none is known anywhere that will satisfactorily take its place for slender handles and certain parts of light vehicles. In Arkansas it stands fifth in quantity and fourth in value.

Ash.—The single name, ash, covers in Arkansas, white, green, black and blue ash. These are sometimes distinguished in the woods, but at the mills it is not customary to pile them apart or sell them separately. There is some difference in the weight, strength and color of the wood of the four species, but not enough to call for separate use.

Cottonwood.—The common cottonwood and the swamp cottonwood are both cut in Arkansas, but manufacturers make no distinction.

Cypress.—Manufacturers in the state demand 12,000,000 feet of cypress a year, but the sawmills are cutting four times that much. The timber grows very slowly, and it is evident that the demand will shortly exhaust the supply.

Elm.—Two elms are listed as one in this state, the common or white elm and the wing elm. It is not apparent that one is preferred to the other. Both are tough and strong, and are used because of those properties, and not for any beauty of figure or grain.

Tupelo.—Tupelo has always been used in a small way for a few purposes, but, like red gum, it was not appreciated until a few years ago, when the discovery was made that it is a good substitute for yellow poplar for a number of purposes. It is usually marketed under the name "bay

AMOUNT OF WOOD CONSUMED ANNUALLY IN ARKANSAS BY SPECIES.

Kind of Wood	Feet B. M.
Shortleaf pine	972,451,000
Red gum	100,186,000
Longleaf pine	69,138,000
White Oak	66,092,000
Hickory	46,096,000
Red Oak	39,301,000
Ash	24,183,000
Cottonwood	16,748,000
Cypress	12,315,000
Elm	6,645,000
Tupelo	5,377,000
Sycamore	1,602,000
Persimmon	250,000
White pine	210,000
Hackberry	150,000
Osage Orange	150,000
Maple	144,000
Birch	82,000
Yellow poplar	60,000
Walnut	55,000
Locust	52,000
Mahogany	26,000
Basswood	25,000
Beech	17,000
Cedar	12,000
Cherry	10,000
Sugar pine	5,000
Total	1,361,382,000

poplar." Some call it black gum, though the true black gum is a different tree, but grows in Arkansas. The tupelo is a swamp tree, and is often, but not always, found associated with cypress.

Sycamore.—About one-fourth of the rough sycamore lumber cut in Arkansas is further manufactured within the state. There is only one species of sycamore.

Persimmon.—About one-fifth of the persimmon lumber cut in the United States is reported by Arkansas manufacturers. This wood is like hickory in one respect—the sapwood is considered most valuable. Much persimmon is made into shuttles, only the sapwood being used. The heartwood is of dark color, and is occasionally made in parquet flooring or inlay work. Persimmon belongs to the ebony family of trees.

Hackberry.—This wood resembles ash and often goes to market with it.

Osage orange.—Osage orange is a fence-post and vehicle wood, very heavy, hard, strong and enduring. It is one of the most costly in the United States, and the highest in price reported by Arkansas manufacturers, except mahogany.

Maple.—A little hard or sugar maple is found in Arkansas, but it is of minor importance. Some red maple, silver maple and box elder are cut, and they all seem to be put to use without distinction. The total quantity is not large.

Birch.—Two species of birch are used for manufacturing purposes in the state. Sweet birch is imported from the North and Northwest, but river birch is native.

Yellow poplar.—Only a small amount of yellow poplar was reported by manufacturers in the state, and most of that came from the outside.

Black walnut.—The cut of black walnut in Arkansas is small, and that which was further manufactured was all home-grown. It is not the important furniture wood that it once was, though most of what is used in the state is made into furniture.

Locust.—Locust, that is the black or yellow locust (*Robinia pseudacacia*), reaches its southern limit in or near Arkansas, though planted specimens may be found outside the tree's natural range. It does not attain to much importance there, though it is one of the strongest, stiffest and most enduring of American woods. Honey locust is a less valuable tree, but more abundant in the South.

Red cedar.—This is the common cedar found in all southern states, and is now the best lead-pencil wood obtainable. It was once abundant, but the demand for poles, posts, woodenware and pencils has nearly exhausted the supply.

Homeseekers Who Want to Buy Arkansas Farms.

Inquiries

Mrs. Della Hornbeck, Kutch, Colo., wants to locate near Siloam Springs.

E. G. Buchanan, Poala, Kan., asks for literature regarding Sevier county.

Charles Stearns, Barry, Ill., makes inquiry about Pope and Van Buren counties.

H. W. German, Box 212, Atlanta, Ga., asks for information concerning the creamery and dairy industry.

Andor Anderson, R. 1, Box 22, Engle- vale, S. D., asks for information about Arkansas.

W. L. Lightle, 615 Miami Ave., Kan- sas City, Mo., says there are several persons there who would like to come down to Arkansas.

Margarite Middleton, R. 9, Box 312- B. and Nute Cocton, 813 N. Pearl St., Dallas, Texas, have been sent liter- ature describing the state.

Floris A. Martin, R. 6, Sumner, Ill., is interested in the Ozarks.

E. F. Staples, 334 S. Ridge Ave., Idaho Falls, Idaho, says he is going to leave that country as soon as he can sell and he wants to know all about Arkansas.

Jno. F. Kaiser, care postoffice, Ot- tumwa, Iowa, asks for literature about the state.

Chas. H. Sturtz, Gilman, Iowa, is farming nearly 600 acres in the corn belt, but he wants to move to a warm- er climate and is thinking of taking a trip to Arkansas this winter.

Jos. Johnson, R. 1, Box 41, Cooper, Okla., expects to come to Arkansas on a prospecting trip this summer and would like to get in touch with owners of timber or cheap cut-over lands.

Ed Wedekind, Box 472, Concordia, Kan., has three sons who own a section of land in Kansas they would like to exchange for Arkansas property in Sa- line, Grant, Hot Spring, Prairie, Clay, Lawrence, or Jefferson county.

B. H. Watkins, Bellevue, Ala., has been sent a map of the state and de- scriptive booklet.

Chas. E. Bridges, 1033 School St., Hillsboro, Ill., wants all the informa- tion he can get about Arkansas.

Robt. C. Lloyd, Box 683, Claremore, Okla., is an ex-soldier who wants to come to Arkansas.

Wm. J. Burgess R. 9, Decatur, Ill., asks for particulars about government and other lands in the state.

Literature has been sent to John B. Overholt, 4020 Penn St., Kansas City, Mo., who is a prospective homeseeker.

W. E. Hunnewell, 3245 Fifth Ave., South, Minneapolis, Minn., asks about farming and climatic conditions.

Land owners in Perry county should write to J. L. Johnston, R. 1, Superior, Wis., who is thinking about coming to Arkansas.

J. H. Tight, Vandalia, Mo., inquires about homestead land.

J. M. Williams, Box 14, Dow, Ill., is looking for a farm in the Ozarks.

McDonald Taylor, 1408 24th St., Des Moines, Ia., is looking for a 40-acre farm. His parents would like to get an adjacent tract.

J. R. Jones, R. 3, Box 103-A, Meri- dian, Miss., would like to have a home in Arkansas.

Edgar Burton, 22 W. 6th St., Okla- homa City, Okla., saw in the papers where there was a lot of government land subject to homesteading in Ark- ansas and he writes for information about it. Literature descriptive of the state was sent and he was referred to the U. S. Land Office at Little Rock for bulletins regarding the government land.

J. W. Ruff, 205 St. Philip St., Charles- ton, S. C., has been sent literature.

H. L. Bassett, Box 24, Newcomers- town, Ohio, is interested in Arkansas.

J. M. Canfield, Dalhart, Texas, asks about the opportunities for a home- seeker.

H. L. Atkins, agent O. S. L. Ry., Divide, Mont., requests a map and lit- erature.

Geo. E. Holzer, Muskegon, Mich., has been reading about Arkansas in the Country Gentleman and thinks he would like to come here to make his home.

John W. Shaw, Excelsior, Wis., has been sent information about Arkansas.

Mrs. Hale Clark, Box 98, Hernando, Miss., would like to locate near Hot Springs.

M. L. Pagett, Ft. Morgan, Colo., sends for literature.

John Hanekamp, Georgetown, Colo., says he is desirous of locating in Ark- ansas.

L. Hight, Box 276, Ranger, Texas, wants to buy some rough land; no ob- jection to rocks; must be cheap.

Don L. Clark, Box 366, Ranger, Tex- as, has a little money to stock a place and wants to homestead or buy on easy terms.

Jacob K. Stark, R. 2, Morrill, Kan., inquires as to the best location in northwest Arkansas.

F. Haworth, Rankin, Okla., is inter- ested in Arkansas.

J. W. Griffin, government plant, Pe- trovia, Texas, asks about state and government land.

F. B. Satswood Caruthersville, Mo., is looking for a homestead.

Arthur Doran, 1248 Macon St., De- catur, Ill., is thinking of coming to Arkansas to locate.

The name of Geo. B. Clark, Cotopaxi, Colo., is sent by G. B. M. Will of Crab- tree, Ark., as a person who might be induced to come to the state.

Harry Parkhill, Mayfield, Ky., wants to know all about homestead lands.

F. M. Hoffman, R. 1, Borup, Minn., is looking for a warmer country.

A great many Wichita Falls, Texas, people have bought farms in northwest Arkansas. A recent inquiry was re- ceived from J. W. Bowersock, 302 La- mar St. Wichita Falls.

M. Naveschuk, Box 632, Simpson, Pa., would like to buy a farm in the southern part of the state.

O. G. Day, Orton, Ore., is thinking of buying some drained land in Poin- sett County and asks for information about that section.

Sam Killingsworth Longview, Texas, would be interested in hearing from anyone who has a good farm for sale in northwest Arkansas.

Jas. L. Seahill, St. Paul, Kan., has been sent literature on request.

W. A. Mohler, Stop 17, North Olm- stead, Ohio, is in the market for an Arkansas farm.

J. W. Bosill, 310 N. Brighton St., Kansas City, Mo., writes for informa- tion.

Literature has been sent to Edgar A. Leonard, Port Reading, N. J.

P. H. Dunn, Akron, O., asks for in- formation about the delta section.

C. N. Gee, Box 587, Smithville, Tex- as, says he is very much interested in Arkansas land.

W. H. Kidwell, 1920 So. 11th St., Omaha, Neb., has been sent literature.

Some Interesting Figures On Arkansas Crops for 1920

With the largest crops of cotton and rice in the state's history, and the second largest crop of corn, the pro- duction of Arkansas farms in 1920 was lower in value by \$135,000,000 than the total for the previous year, this tre- mendous shrinkage being due to a gen- eral lowering of prices of all farm pro- ducts, especially of cotton, rice and live stock.

Had prices remained as they were in 1919 the farmers would have added \$175,000,000 to the \$346,227,000 which they did get and the grand total of their income would have been \$523, 000,000, an amount equal to that ob- tained by the state which ranked tenth in crop production in 1919.

There is some pride, however, in the fact that Arkansas, ranking twenty- fourth in population and twenty-sixth in land area among the states, this year takes twentieth place in the value of its farm products.

Following is a statement of Arkan- sas' crop and live stock production for 1920 compiled by the Arkansas Co- operative Crop Reporting Service:

FIELD CROPS			
Crop	Acres	Yield	Value
Corn	2,360,000	55,224,000 bu.	\$53,567,000
Wheat (threshed)	126,000	1,197,000 bu.	2,274,000
Oats	352,000	8,800,000 bu.	6,864,000
Rye (threshed)	4,000	40,000 bu.	88,000
Rice (threshed)	181,000	8,889,000 bu.	11,645,000
Hay (tame)	660,000	957,000 tons	15,312,000
Hay (wild)	192,000	221,000 tons	3,492,000
Potatoes (white)	31,000	2,418,000 bu.	4,232,000
Potatoes (sweet)	51,000	5,145,000 bu.	5,402,000
Peanuts (grain)	16,000	416,000 bu.	973,000
Cowpeas	21,000	105,000 bu.	267,250
Cotton (lint)	2,860,000	1,180,000 bales	77,140,000
Cotton (seed)	-----	554,840 tons	11,651,000
Sorghum and Millett	35,000	63,000 bu.	80,000
Broom Corn	1,000	335,000 lbs.	40,200
Beans, Soy	500	7,500 bu.	22,500
Sorghum (syrup)	42,000	3,780,000 gal.	4,158,000
Ribbon Cane (syrup)	2,500	437,500 gal.	656,250
Tobacco	800	480,000 lbs.	149,000

Total value of field crops..... \$198,003,200

FRUITS AND TRUCK			
Crop	Acres	Yield	Value
Apples	107,000	3,620,000 bu.	\$3,620,000
Peaches	62,500	117,000 bu.	292,500
Pears	2,400	38,000 bu.	72,200
Strawberries	8,800	316,800 crates	1,267,200
Cantaloupes	6,600	442,000 crates	994,500
Watermelons	1,050	8,400 tons	29,400
Grapes	800	2,400 tons	264,000
Tomatoes	3,540	17,500 tons	262,500
Other truck	4,000	-----	350,000
Nuts	-----	-----	330,000
Home gardens	-----	-----	11,200,000

Total value orchard and garden crops..... \$18,681,000

Pasture crops..... \$32,000,000

ANIMAL PRODUCTS		Value
Milk, cream and butter	-----	60,000,000
Poultry and eggs	-----	13,000,000
Wool	-----	100,000
Honey and wax	-----	500,000
Total	-----	\$73,600,000

INCREASE OF LIVE STOCK		Value
Horses and mules, sold or shipped	-----	\$5,720,000
Cattle, sold or slaughtered	-----	5,225,000
Sheep and goats, sold and slaughtered	-----	498,000
Hogs, sold and slaughtered	-----	12,500,000
Total	-----	\$23,943,000
Grand total	-----	\$346,227,000

Mississippi was the banner corn county of the state in 1920; Jefferson county lead in the production of cot- ton; Arkansas county produced more rice and hay than any other county and Benton county lead all the coun- ties in its yield of oats.

The greatest number of horses are in Benton county; the greatest number of mules in Mississippi county; the greatest number of milk cows in Wash- ington county; the greatest number of cattle of all kinds in Washington coun- and the greatest number of hogs in Clay county.

The value per acre of all crops in Arkansas in 1920 was \$34.90 as com- pared with \$21.10 for Iowa; \$23.30 for Illinois; \$27.10 for Texas, and 20.80 for Oklahoma.

Sale Prices of Farm Products in Arkansas in February

Hogs (live weight) per 100 lbs.....	\$7.75
Beef cattle (live weight) per 100 pounds	4.25
Veal calves (live weight) per 100 pounds	6.50
Sheep (live weight) per 100 lbs.....	3.50
Lambs (live weight) per 100 lbs.....	6.00
Milk cows, per head.....	46.00
Horses, per head.....	74.00
Milk (whole), wholesale, per gal....	.45
Milk (whole), retail, per gal.....	.52
Wool (unwashed) per lb.....	.16
Wool (washed) per lb.....	.25
Apples, per bushel of 48 lbs.....	2.50
Apples, per barrel	6.10
Walnuts (black) per bu. of 50 lbs. .	.85
Hickory nuts, per bu. of 50 lbs.....	.90
Peanuts, per lb. ....	.07
Beans (dry) per bu. of 60 lbs.....	4.30
Beans (soy) per bushel	4.00
Sweet potatoes, per bu. of 55 lbs. 1.20	
Turnips, per bu. of 55 lbs.....	.90
Cabbages, per 100 lbs.....	3.55
Onions, per bu. of 57 lbs.....	2.00
Timothy hay (loose), per ton of 2,000 pounds	22.00
Clover hay (loose), per ton of 2,000 pounds	21.00

Alfalfa hay (loose), per ton of 2,000 pounds	22.25
Prairie hay (loose), per ton of 2,000 pounds	15.75
Clover seed (red), per bushel of 60 pounds	12.00
Timothy seed, per bushel of 45 pounds	20.00
Alfalfa seed, per bushel of 60 lbs.....	12.00
Pop corn, per 100 lbs. in ear.....	4.00

Wanted

Six Holstein heifer calves that are tick immune. P. O. Byrd, Rohwer, Ark. Registered Red Durham yearling male calf if price is reasonable. Mur- rell Johnson, Sonora, Ark.

White Wyandotte eggs. C. W. Bar- nett, Batesville, Ark.

Quantity Mammoth Yellow Soy Beans. S. D. Carpenter Osceola, Ark. Lespedeza seed. Field Bros. & Co., Vicksburg, Miss.

Lespedeza seed; state price. S. D. Carpenter, County Agent, Osceola, Ark. Quantity seed sweet potatoes, Nancy Halls, free of diseases. S. D. Carpen- ter, County Agent, Osceola, Ark.

One carload Nancy Hall seed sweet potatoes that are guaranteed free from all diseases. F. H. Whitaker, County Agent, Blytheville, Ark.

Genuine "Golden" (German) millet seed. Steele Kennedy, County Agent, Heber Springs, Ark.

For Sale

FOUR ACRES NEAR TEXARKANA —Good neighborhood, on mail route, near school and church; fine for truck or poultry. S. E. Wadrep, R. 1, Genoa, Arkansas.

RED RIVER BOTTOM FARM—In southwest Arkansas, protected by le- vee; no waste land, 56 acres, 12 or 15 cleared, no house. Will sell on terms or take Ford car or hill farm in trade. W. H. Crouch, R. 3, Plain Dealing, La.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

FOR SALE CATTLE

Purebred Holstein heifer, 13 months old, subject to registry, not bred, but can be bred before sale, if wanted. \$65. Also Jersey Holstein heifer one year old, \$25. Roy Hayes, Waldo, Ark.

Registered Holstein bull, three years old. Hengerveld Johanna type, \$250. Selling to keep from in-breeding. H. A. Smith & Son, Meg, Ark.

Three Shorthorn bulls, good beef type; at a reasonable price as we are going out of cattle business. Fletcher Bros., Lonoke, Ark.

Jersey heifers. J. D. Martin, 915 W. Fourth St., Little Rock, Ark.

Aberdeen-Angus young bulls, also my present herd bull, a prize winner at the Indiana State Fair in 1915, also females. V. E. Lawrence, Salisbury, Mo.

Dispersion sale of Aberdeen Angus. On account of poor health and not being able to care for them I will sell my herd of 10 cows and heifers and four males at a bargain. Valleyview Stock Farm, Aurora, Mo.

Two registered Shorthorn bulls, one red cow and young calf, sired by a grandson of Villager. This is a Scotch cow. Roan bull five years old. Red yearling, \$100. Cow and calf, \$200; cow, \$135. W. A. Van DeMark, R. 5, Lamar, Mo.

HOGS

Very fine B. T. Poland China boar. J. D. Martin, 915 West 4th St., Little Rock, Ark.

Big Bone Poland China hogs; best blood lines of the north, pigs of August farrow; either sex, \$25. Satisfaction guaranteed. Valley View Stock Farm, R. 1, O. A. White, Owner, Green Forest, Ark.

Hampshire Hogs—Tipton Lookout, Messenger and Cherokee breeds—tried sows, gilts, boars and pigs; selected stock for breeding. Emide Farms, Everton, Ark.

Duroc Jersey, Registered sow and fall pigs, either sex, priced to sell. Valleyview Stock Farm, Aurora, Mo.

Six Duroc pigs, four months old. Henry Dillard & Sons, R. 2, Box 41, Amity, Ark.

Registered Hampshire hogs. Herd boars, bred tried sows, gilts and pigs, all registered and guaranteed. F. P. Owens, Bingen, Ark.

SHEEP AND GOATS

For Sale—High grade Angora Billies, \$10 and \$15. H. A. Smith & Son, Meg, Ark.

POULTRY

Pure bred White Wyandotte eggs, \$2 per setting, postpaid. Also pure bred White Leghorn eggs, \$2 per setting, postpaid. Roy Hayes, Waldo, Ark.

Several S. C. White Leghorn cockerels and some hens, also ducks. Ducks \$1.50 each; cockrels \$2.50 each. Will exchange, what have you? Also gold watch and gun to exchange. M. B. Updike, O'Neal, Ark.

Pure bred White Wyandottes, egg contest winners. Guaranteed heavy winter layers. Eggs \$2.25 a setting, \$12 per hundred, prepaid. Fairview Wyandotte Egg Farm, J. E. Robinson, Prop., Aurora, Mo.

S. C. White Leghorn eggs for setting; Tom Barron English Strain; bred-to-lay kind. \$2 for 15; \$10 for 100. N. B. Robertson, 1420 West Fifth St., Little Rock, Ark.

Valleyview Trapped Strain Pedigreed S. C. White Leghorn eggs for hatching. \$2 to \$5 for 15, \$8.50 to \$15 per hundred. Satisfaction guaranteed, circular free. Valleyview Stock Farm, Aurora, Mo.

Single Comb Anconas of Sheppard's Strain. Eggs for hatching \$2.50 per setting. Mrs. Jennie Hawkins, 1820 W. 12th St., Little Rock, Ark.

Ancona eggs from good layers, \$2 per 15, postpaid. Satisfaction guaranteed. Mrs. D. W. Barnette, Mineral Springs, Ark.

Thompson Ringlet Barred Rock Cockerels; light plumage; beautiful ringlets. Dams fed for egg production for 14 years. Sired by North Missouri show winners, that weigh, lay and pay. Each, \$4; three for \$11.50. Selected birds each \$5; three for \$13. Eggs in season. Oak Knoll Farm, W. R. Taylor, Prop., Marionville, Md.

Silver Pencil Rocks, beauty, health, utility eggs, \$2 for 15. Mrs. J. H. Brownling, Judsonia, Ark.

Eggs from my Peerless White Lanchang, also Black Lanchang, \$2 per 15, prepaid. Have some stock of each kind for sale, also some extra fine S. C. Ancona cockerels, 331 egg strain. Mrs. J. W. Webb, Alpena Pass, Ark.

Barred Rock eggs from fine flock containing many prize winners. Extra fine bars, dark strain, five point combs. \$1.50 per 15, \$2.50 per 30; \$4 per 100. Mrs. W. A. Van De Mark, R. 5, Lamar, Mo.

SEED

One or more cars of Texas Red Burr proof oats, free from all obnoxious weed seed, 60c per bushel, f. o. b., Frederick, Okla. W. H. Rice, Frederick, Okla.

Peas, Black and Whippoorwill, mill re-cleaned; \$3 per bushel. Peanuts, White Spanish, 7c per lb. Cotton seed, Mebane, Triumph and Rowden; early variety; big boll \$1.50 per bu. Cane seed, improved Honey Dip, \$2 per bu., f. o. b., R. R. station. L. W. Owens, Bingen, Ark.

Peas, Whippoorwill and Black, \$3 per bu. Genuine White Spanish peanuts, \$2 per bu. Improved Mebane Cotton seed, 1 1/16 inch staple, \$2 per bu. F. P. Owens, Bingen, Ark.

Choice re-cleaned new crop Japan clover seed. Interstate Seed House, Baton Rouge, La.

Neal's Paymaster Seed Corn, pure strain, field selected, \$3.00 per bushel. J. E. Stevenson, Dardanelle, Ark.

Re-cleaned lespedeza seed, \$5 per bu. f. o. b. here. No. 1 Mammoth Yellow Soy Beans, \$3.00 per bushel, f. o. b. here. East Baton Rouge Farm Bureau, Box 305, Baton Rouge, La.

Early Speckled Velvet Beans, re-cleaned and sacked in new even weight bags; 500 bushel lots @ \$1.05 per bu.; 100 to 500 bushel lots @ \$1.10 per bu.; 50 to 100 bushel lots, \$1.15 per bu. f. o. b. Dublin; pod velvet beans, bulk in the car @ \$14.00 per ton. Smith Brothers, Dublin, Ga.

Finely ground velvet bean meal, car lots @ \$23.50 per ton, f. o. b. Dublin. Smith Brothers, Dublin, Ga.

Seed corn, Mosby Improved, \$2.50 per bushel. Reid's Yellow Dent, \$2.35. Hickory King, \$3.25 per bushel. Tennessee Red Cob, \$2.65 per bushel. St. Charles, \$2.50 per bushel. W. Wadd Buntin, Starkville, Miss.

Tom Watson Watermelon Seed, 60c per pound postpaid. Turnip seed Purple Top, 55c per pound postpaid. Flat Dutch, 55c per pound postpaid. W. Wadd Buntin, Starkville, Miss.

Soy Beans, \$3.00. Cow peas, \$3.00. Velvet beans, \$1.50 per bushel. W. Wadd Buntin, Starkville, Miss.

Seed potatoes, Peachblow (late), Seed potatoes, Peachblow (late). Hardy, and fine keepers, \$1.50 per bushel. Bags free. Henry Smith, Wheeler, Ark.

Surcropper corn selected seed. One bushel postpaid \$3.50. Five or more by freight @ \$2.25. E. E. McGehee, Pinckneyville, Miss.

Kiln dried seed sweet potatoes. Waldron Produce Co., Waldron, Ark.

SWEET POTATOES

Five hundred bushels Nancy Hall sweet potato seed, \$1.50 per bushel. Barry & Dawson, Belleville, Ark.

Pure Strain Key West (or Porto Rico) yam seed sweet potatoes, \$2 per bushel hamper; hamper, 25c, total \$2.25; fine variety, more prolific and better keeper than others; satisfaction guaranteed. Can sell them here for eating purposes but they should be used for seed. Shipped by parcel post. R. S. Weeks, Bearden, Ark.

Fifty bushels seed, Nancy Hall sweet potatoes. Henry Dillard & Sons, R. 2, Box 41, Amity, Ark.

MISCELLANEOUS

Fancy evaporated apples, \$10 per hundred, f. o. b. Mrs. M. A. Dorman, Prairie Grove, Ark.

Pure Georgia Cane Syrup, good quality, in 35 gallon barrels; car lots @ 45c per gallon; 20 barrel lots @ 48c gallon; 10 barrel lots @ 50c gallon. Smith Brothers, Dublin, Ga.

WANTED

Corn snapped, shucked or shelled; quote price, delivered at Little Rock. Can use oats also. J. H. Miller, Lonoke Ark.

Soy beans, Mammoth Yellow variety. Chas. Keltner, R. 3, Gravette, Ark.

Several dozen little chicks for early spring delivery. State breed and price. Mrs. T. W. Thompson, R. 2, Austin, Ark.

Population and Number of Farms by Counties in Arkansas

The population of Arkansas, as finally revised for the 1920 census, is 1,752,204. The total number of farms in the state is 232,602. The figures for the various counties, as given below, shows Pulaski county to have the largest population and Jefferson county the greatest number of farms. Stone county has the smallest population and Perry county the least number of farms.

	Population	Number of Farms
Arkansas	21,483	2121
Ashley	23,410	3216
Baxter	10,216	1713
Benton	36,253	5094
Boone	16,098	2317
Bradley	15,970	1895
Calhoun	11,807	1684
Carroll	17,786	2559
Chicot	21,749	3663
Clark	25,632	3292

Clay	27,276	3336
Cleburne	12,696	1941
Cleveland	12,260	2022
Columbia	27,670	4555
Conway	22,578	3594
Craighead	37,541	3550
Crawford	25,739	3326
Crittenden	29,309	5496
Cross	18,579	2507
Dallas	14,424	1536
Desha	20,297	3344
Drew	21,822	2344
Faulkner	27,681	4457
Franklin	19,364	3014
Fulton	11,182	1969
Garland	25,785	1921
Grant	10,710	1428
Greene	26,105	3291
Hempstead	31,602	5031
Hot Spring	17,784	2277
Howard	18,565	2698
Independence	23,976	3287
Izard	13,871	2549
Jackson	25,446	3228
Jefferson	60,330	6899
Johnson	21,062	2947
Lafayette	15,522	2245
Lawrence	22,098	2760
Lee	28,852	4895
Lincoln	18,774	3860
Little River	16,301	2490
Logan	25,866	3911
Lonoke	33,400	5596
Madison	14,918	2613
Marion	10,154	1590
Miller	24,021	2619
Mississippi	47,320	6511
Monroe	21,601	3306
Montgomery	11,112	1742
Nevada	21,934	3682
Newton	11,199	2028
Ouachita	20,636	2326
Perry	9,905	1265
Phillips	44,530	5774
Pike	12,397	1762
Poinsett	20,848	2257
Polk	16,412	2272
Pope	27,153	3936
Prairie	17,447	2413
Pulaski	109,464	4495
Randolph	17,713	2838
St. Francis	28,385	4586
Saline	16,781	1918
Scott	13,232	2321
Searcy	14,590	2175
Sebastian	56,739	3153
Sevier	18,301	2273
Sharp	11,132	1983
Stone	8,779	1426
Union	29,691	3736
Van Buren	13,666	2457
Washington	35,468	4803
White	34,603	4820
Woodruff	21,547	2853
Yell	25,655	3817

FARMS FOR SALE

RICE FARM—160 acres city limits, rice and garden land; 6-room house; good barn; fine rice well; electric power also oil engine. All under cultivation; price right; on good terms. J. C. Rous, Stuttgart.

COMPLETE FARM—77 acres, 45 in cultivation, about 10 acres in meadow, 10 acres in pasture, 10 or 12 in timber, all fenced; mostly hog wire, one 4-room box house, papered; good well; barn and outbuildings for stock; peach and apple orchard. This land is adapted to farming, trucking or fruit growing. Forty acres more, adjoining, 4-room house, good water, out buildings; vineyard, apple and peach orchard; 18 acres in cultivation, the rest in timber, all fenced; good for truck and fruit farming; one-half mile from school. Price, \$1300. Both farms, \$3700. J. M. Whitten, R. 1, Arkinda, Ark.

EIGHTY ACRES—Good sandy land; fine for orchard, truck growing or anything else. Will sell cheap. J. B. Canter, Antoine, Ark.

TRACT of 289 acres, agricultural and mineral land, 60 acres in cultivation; 100 acres fenced. J. McD. Capshaw, Caddo Gap, Ark.

TWO NORTH ARKANSAS FARMS—155 acres one mile from Grandview on Kings river, good seven room house. One three room renters house. Barn, smoke house, etc. An ideal place for

dairy, poultry and hog raising. Price \$60 per acre. Improvements would cost half as much. Also 85 acres two miles from town, not very much improvements on it. Small house, good spring, lies on the Grandview and Golden road. Would be an ideal place for fruit, berries, poltry, etc., as it lies in the valley at the foot of mountains. \$20 per acre. Grandview is a growing town on the Missouri and North Arkansas railroad, surrounded by some of the best farming country in northwest Arkansas. Good water, mild climate and healthy. W. B. Wright, Grandview, Arkansas.

HUNDRED ACRE FARM—80 acres in cultivation; 20 acres timber, good land; 12 acres bearing apple orchard; two acres peach orchard; 7-room house, two-story and painted; 2 wells, cistern; fine pasture; on public road, church and school one-half mile; three and one-half miles to town and good school; out houses, evaporator. Price, \$10,000. Can give possession now. Several other farms for sale. J. S. Ottinger, Box 55, Pea Ridge, Ark.

STOCK FARM—363 acres of land; 100 bottom; 60 in good state of cultivation. Good house, barn and out-houses; spring of never-failing water; remainder is virgin timber, white, red and black oak. Timber land is broken hill land. Free outside range. This could be made an ideal stock farm. For price and terms write J. E. Giles, Archey, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900.

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 3 No. 4

LITTLE ROCK, ARKANSAS

April 1921

Strawberries Are Now Moving in Train Loads From Arkansas the Greatest Strawberry Growing State in the Union

ARKANSAS' strawberry harvest is on. The season was opened with a crate shipment from Horatio on March 26, the earliest shipping date in the history of the industry in this State.

It is estimated that there are 15,175 acres of strawberries to contribute to the commercial movement this year. This acreage gives Arkansas leadership over all the States in strawberry production.

Prior to the heavy rain and sudden drop of the temperature on Easter night the crop was in good condition and it is not believed there has been any great damage unless it be in the extreme northwest portion of the State where the thermometer fell below the freezing point. Some damage from hail is reported in White County.

For the information of growers, shippers and buyers, the Department has gathered data concerning shipping dates, names of shippers and points of shipment.

The prevailing price for picking will be 2½ cents a quart, the growers say.

The American ventilated style of crate will be almost universally used.

Many of the growers estimate that it will cost them \$2.00 a crate to get the berries on the cars.

If good prices prevail the growers will be encouraged to pick all their berries and the movement will be heavy. An early season usually is conducive to good prices.

The transportation companies have taken steps to provide ample refrigerator service out of the principal shipping points to the Northern and Eastern markets.

Growers will be kept posted on the condition of the market by means of a special news service operated by the Bureau of Markets, United States Department of Agriculture. A specialist of the Bureau, who has followed the movement of this crop through Louisiana, has been assigned to Arkansas and through him the public will be kept daily informed of conditions at the various strawberry markets of the country—latest price quotations, volume of sales, amount of berries on the way to each market, and many other factors that influence the selling of this crop.

As the strawberry season advances this specialist will follow the crop. When the South Arkansas crop is marketed, that in Tennessee will be coming on, and the specialist will move to that State and perform the same service for the growers there. Probably Missouri strawberry sections will be given like assistance. Formerly agents were sent to other points as well, but this year lack of funds has forced the bureau temporarily to curtail its service. Similar aid is given producers of other crops.

Shipping Season Starts Early With Promise of Heavy Crop;
More Than 15,000 Acres Are Ready for Picking



Women and Children Help in the Harvest About Judsonia, Arkansas.

This season's strawberry acreage is nearly double that of last year when 8800 acres only were picked. This increase places Arkansas in the lead of Tennessee and Louisiana, which alternately have held first place among the States in the production of this valuable fruit. If good prices are obtained for the crop again this year, it is probable that there will be still larger plantings, and for the benefit of those who may want to plant, the following instructions are given in regard to the selection of ground and care of the crop:

How to Grow Strawberries in Arkansas

If possible use freshly cleared, hardwood timber land; well drained and with sufficient elevation to protect against late frosts. If such new land is unavailable, old fields may be utilized preferably by first fertilizing with acid phosphate, or steam bone meal, and then growing as large a crop of cowpeas thereon as possible. The whole crop should be turned under if the grower could so afford. If not, the peas may be picked and the vines and leaves turned under. This puts a supply of humus in the soil and leaves an available supply of phosphate for the use of the strawberry plants.

My practice is to make the rows only three feet apart from center to center, and to put in plants at from 24 to 28 inches in the row. Planting this close insures a much better stand than by planting at intervals of three feet or greater. In planting the soil should be well prepared and the field marked off, but only slightly in advance of the planters. The rows may be marked one way across the entire

field, and at right angles to that, say just ahead of the planting, so as to have fresh moist earth in which to start the plants.

Plants of last season's growth should be used and no more than two leaves and the crown left. If all the leaves are left on the plant is overbalanced and nearly all the leaves are apt to die because the roots die back and the new growth cannot support the number of large old leaves upon the plant. It is best to cut off part of the roots, say one-third, and the plant may then be planted readily. A single whipping motion which spreads the roots fan shaped as the plant is put on the ground ready for covering is the best method for bringing the roots into contact with the most moist soil. Either a dibble, spade or hoe may be used according to the experience of the planter and the methods which the laborer understands best.

Plants should not be laid out far in advance of the workers who cover them, and should be kept moist and protected from wilting practically up to the moment of planting. The dirt should then be firmed around the plants, sometimes by the pressure of the foot, or if hoe is used, by the pressure of the hoe.

Within a few days after completion of the planting they should be plowed one way so as to throw the dirt to the plants and keep down weed growth. Cultivation should then be continuous and persistent, but after the plants get to running well cultivation should be discontinued. Rows only three feet apart, center to center, must be kept narrow, fourteen inches in width being ideal, for the reason that practical-

ly every plant in the row will then be enabled to have its roots reach cultivated ground, and its competition for moisture and plant food will not be so severe as in the wide matted row. In the wide matted row in dry years the plants in the center do not bear, or bear sparsely, those on the edges doing practically all the work. With the row only fourteen inches in width practically all the plants bear. This leaves twenty-two inches between the rows to be cultivated after the row are established, and this can be done in one direction with narrow points on the double-shovel, or by three or four points on a one-horse, spring-toothed cultivator. The A-shaped, spiked, thirteen-tooth harrow set at its narrowest width is a very good instrument for pulverizing the surface and keeping down weed growth. The vibrating action of the

spring-toothed cultivator is especially good in leaving the soil in fine tilth. Gravel points on the double-shovel will go deep and tend to break the sub-soil if it has become packed.

In the first fruiting year no cultivation should be done until the crop has been harvested. Immediately after that is finished a double-shovel should be used with narrow points to cut off one-half the row. The same half on all rows should be cut off; that is, if the rows are running east and west, the south half should be cut off all the rows or the north half should be cut off. This will force the half row remaining over onto the cultivated ground of last year, and this process may be repeated for two or three years so that in every row we have, after the first year, half the plants one year old and half two years old. The plants over two years old lose much of their vitality and do not run readily or fruit well.

For fertilizer if necessary about 300 pounds of 16 per cent acid phosphate, or 200 pounds of steamed bone meal should be applied per acre. This may be either broadcast or drilled in. Fertilizer should be applied early in the season, say in this state from the first to the middle of March. In very poor ground fertilizer containing some per cent of nitrogen should be used, but care should be maintained not to employ too much nitrogen, as in that case the plants tend to excessive growth and small production. On soil well filled with humus only phosphate should be employed.

SEE SCHEDULE OF STRAWBERRY SHIPMENTS
BY STATIONS ON PAGE THREE

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

Farmograms.

Comparative spinning tests of Meade and Sea-Island cottons conducted by the United States Department of Agriculture show slight difference in strength of the fibres, the Sea-Island being superior by a small margin. The tests were intended to demonstrate to growers and manufacturers the suitability of Meade as a substitute for Sea-Island, the growing of which has become extremely hazardous because of the boll weevil. Meade cotton, a variety developed by the United States Department of Agriculture, is rapidly taking its place.

These Fertilizer Price Reductions Will Help—Some

Since the publication of an article in the last issue of the Bulletin, making reference to the high price of fertilizer, the Arkansas Fertilizer Company has made a reduction in prices, as shown by the following quotations:

Brand	Old Price	New Price
Special Acid Phosphate, 16%	\$30.75	\$27.00
Early Potato and Truck, 8-2.50-4	52.50	46.00
Twentieth Century, 9-1.65-2	43.25	37.50
Vegetable Fertilizer, 7.50-2-3	46.50	40.75

These are prices per ton with settlement date May 1, 1921. A flat discount of 10% is allowed for cash. The prices are slightly higher for November payment.

In the light of the information the department has, with reference to the supplies of raw materials, and the ability of the farmers to purchase fertilizer, it is our opinion that prices will have to be still further reduced before these materials are brought within reach.

What the New Secretary of Agriculture Thinks of the Situation

By HENRY C. WALLACE

Secretary U. S. Dept. of Agriculture

While the farmer is selling the things he produces at prices no higher, and, for great surplus crops, lower than the prewar normal, he must buy practically everything he needs at prices from 50 to 150 per cent above the prewar normal. The severe agricultural depression is inevitable as long as such a condition exists, and this depression will certainly be communicated to industry and business generally.

It is a terrible indictment of our modern civilization when this great country is in the period of what almost might be called economic chaos because of our great surplus food supply, while across the seas, in both directions, almost half the world is suffering for food.

It is a time for every man who can help to take hold. As in the days

when we dragged our fire engines by hand to the scene of the fire and every good citizen rushed out and took hold of the long rope and did his bit, so we must do now.

We can not help to reach normal conditions until we arrive on a price level which will be fair to all our people and all products. Farm products must come up in price and other products come down until the normal relation between them has been restored.

This talk of bringing prices, whether farm prices or other prices, back to the prewar normal is morally wrong and economically impossible. We incurred a heavy national debt on the inflated prices. If we could force all prices back to the prewar normal (which we cannot) it would be equivalent to just about doubling that debt. We can pay off our debts much easier if we maintain a price level more nearly the level at which the debts were incurred.

We will get through this period. The Nation is not going bankrupt. The Farmers are not going bankrupt. Neither are they going to lie down on their job. Gradually farm prices will be brought into fair relation with other prices and we will go ahead hitting on all cylinders.

We are the best producers in the world, but our sales system is very bad, indeed. We must study everything which influences both production and price.

Company Formed to Build Ten Cotton Mills in Arkansas

The Arkansas Cotton Mills Company organized on February 22nd, with a capital stock of 3,000,000, with E. Dalton of Pocahontas, president; Dr. H. L. Throgmorton of Pocahontas as vice president, and Tom W. Campbell of Little Rock, secretary and treasurer. The directors include T. H. Wells, W. L. Pope, George Promberger, E. R. Hicks and J. D. Wells, all Arkansas men.

This company intends to build and operate ten large modern cotton factories at ten of the cotton centers of Arkansas, making it possible to save the freight to Europe and back on cotton goods consumed in Arkansas from Arkansas grown staple.

Sale Prices of Farm Products in Arkansas in March

Hogs (live weight), per 100 lbs.	\$7.70
Beef Cattle (live weight), per 100 lbs.	4.30
Veal calves (live weight), per 100 lbs.	6.40
Sheep (live weight), per 100 lbs.	4.30
Lambs (live weight), per 100 lbs.	5.65
Milk cows, per head	45.00
Horses, per head	74.00
Milk (whole), wholesale, per gal.	.41
Milk (whole), retail, per gal.	.48
Wool (unwashed), per lb.	.18
Wool (washed), per lb.	.26

Apples, per bu. of 48 lbs.	2.30
Apples, per barrel	6.05
Peanuts, per lb.	.08
Beans (dry) per bu. of 60 lbs.	3.20
Sweet potatoes, per bu. of 55 lbs.	1.35
Cabbages, per 100 lbs.	3.30
Onions, per bushel of 57 lbs.	1.80
Timothy hay (loose) per ton of 2,000 lbs.	22.00
Clover hay (loose), per ton of 2,000 lbs.	21.50
Alfalfa hay (loose), per ton of 2,000 lbs.	22.50
Prairie hay (loose), per ton of 2,000 lbs.	14.55

Cotton seed, per ton of 2,000 lbs.	18.35
Eggs, per dozen	.22
Chickens (live weight) per lb.	.18
Cowpeas, per bushel	2.00
Cream, per lb. of butter fat	.40
The following are prices of products bought by farmers:	
Clover seed (red) per bu. of 60 lbs.	\$15.54
Timothy seed, per bu. of 45 lbs.	6.54
Alfalfa seed, per bu. of 60 lbs.	14.17
Bran, per ton	35.65
Cottonseed meal, per ton	36.65
Cottonseed hulls, per ton	8.70

FARMS FOR SALE

Forty acres land, near Zinc, Arkansas, with good showing of carbonate. Mile and half from railroad on fairly good road. E. W. Harris, Route No. 1, Box 63, Bellefonte, Arkansas.

Eighty-acre farm at a bargain. T. J. Dooley, Stafford, Arkansas.

160 acres on public road four miles from Gillham, near good school, daily mail. Thirty acres cleared, balance in timber, family orchard, five fine springs of soft water, large box house. Price, \$2,000.00, half cash, balance easy; possession any day; crop goes too. G. W. Sullivan, Route 3, De Queen, Ark.

Two Montgomery county farms, one of 152 and one of 120 acres, on mail route and near church and school, good neighbors; \$12.50 an acre; terms. A. C. Meeks, Route No. 2, Box 15, Bonnerdale, Arkansas.

Eighty acres good farming land, 35 acres cleared. S. J. Reed, Beebe, Arkansas.

Hundred and sixty acres in Northwestern Arkansas, 25 acres cleared; four-room house, new barn, tool shed, etc.; fourth of mile to post office; mile and half to railroad station; mile to school and church; plenty of range and water, \$12.50 an acre. Ed Malen, Mountain Crest, Arkansas.

Bottom land, 68 acres, unimproved, level, sandy loam, \$20 an acre. E. L. Presley, Okolona, Arkansas.

Forty-five acres, five in cultivation, four stock range; three-room house, barn, hay and hen house; for cash or on terms. W. F. Flud, Vendor, Ark.

One hundred sixty acres in Ozark Forest, 20 acres in cultivation, rest in good timber; house, barn, poultry house; 50 fruit trees; good healthy location. R. A. Hefley, Mt. Judea, Ark.

Forty acres good bench land, 10 acres in cultivation; house, spring; one-half mile from school and post office, free range in Ozark Forest. Price, \$500. R. A. Hefley, Mt. Judea, Ark.

Newton county farm, 440 acres, 25 acres in cultivation, balance in fine timber; house, barn, plenty of good water. Hobart Criner, Mt. Judea, Ark.

Forty acre farm, 20 acres in cultivation; 100 bearing fruit trees; barn, spring, one-fourth mile from school. Price on request. R. A. Hefley, Mt. Judea, Ark.

One hundred sixty acres, eight acres in cultivation, balance in timber; small house; one mile from school, two miles from the Jefferson Highway. Price, \$7 per acre. J. C. Hicks, Wayton, Ark.

Eighty-acre bottom farm, 40 acres in cultivation; 3-room house, barn, other improvements; spring; free range; family orchard; one-half mile from school and postoffice. Price reasonable. R. A. Hefley, Mt. Judea, Ark.

Red River bottom farm—in southwest Arkansas, protected by levee; no waste land, 56 acres, 12 or 15 cleared, no house. Will sell on terms or take Ford car or hill farm in trade. W. H. Crouch, R. 3, Plain Dealing, La.

Forty acres, 20 in cultivation, balance in good timber; lasting water; near school and postoffice. Price \$850. E. G. Archer, Huddleston, Ark.

Improved farm of 119 acres, 60 acres under fence, 16 in clover and eight in orchard; four-room house, well, two springs; 1 mile from town. Price \$2,000 cash. W. B. Lovelady, Witts Springs, Ark.

One hundred twenty-one acres of good land near Crabtree, Arkansas, 25 acres in cultivation, fenced; part of land is creek bottom, the rest rolling. Two sets of houses, barn, smokehouse, corn crib; three gardens, orchard. Selling on account of old age. Price, \$800. E. E. Wilson, Crabtree, Ark.

Corn and cotton farm, 66 acres, 40 in cultivation, balance timber and pasture. Part creek bottom; good water; close to church and school, eight miles from railroad. This is a mighty good buy at \$1,800, terms. Also stock farm of 160 acres, part creek bottom; good water, close to church and school; plenty timber, about 60 acres in cultivation. Bargain at \$2,500, terms. R. H. Vaughan, 804 Long St., Russellville, Arkansas.

Newton County Farm, 160 acres, 25 in cultivation, balance in timber; good soil for corn, cotton, fruit, and all kinds of vegetables; good spring; six-room house, small barn; half mile to school and church. J. L. Shuler, Holt, Arkansas.

Forty acres sandy loam, 18 acres in cultivation, rest in timber—pine, gum and oak. A two-room house, barn, well of good water, spring near house, running water all year round on farm. This farm is on public road, has telephone and R. F. D. by house. Church in one and one-half mile, school half mile. R. R. and shipping point one and one-half mile of farm. This is an ideal place for stock and poultry or truck farming. Price, \$1,200. F. P. Owens, Binger, Arkansas, R. F. D. No. 2.

EIGHTY ACRE FARM—Fine valley land, well improved; good house; barn; orchard of over 800 bearing peach and apple trees. Price, \$5500, cash. R. L. Tucker, R. 1, Harrison, Arkansas.

FARM IN RICE BELT—40 acres; 35 acres in cultivation and 5 acres in timber; good 5-room house and barn; on mail route; 3/4 mile from rock road; 6 miles from railroad; near church and school; bargain. O. W. Ideker, Ulm, Ark.

Tracts of 40, 80, 120 acres and larger, valley and upland; good water and stock range; some improved; prices from \$10 to \$75 an acre. J. N. Keathley, Advance, Arkansas.

Fulton County—225 acres in and near town of Viola; 60 acres creek bottom and 60 acres of upland cultivated; rest in pasture; lasting water in pasture; good free range; two good houses and two big barns; one two-story, six-room house in town and the other 1-4 mile from town; two cisterns and two wells; mixed sandy loam with clay sub-soil; price, \$7,000; possession any time. H. L. Mise, Box 71, Viola, Ark.

Homeseekers Who Want to Buy Arkansas Farms.

G. E. Sharp, Bevier, Ky., asks for information in regard to state land. He is looking for a home in Arkansas and might be interested in some improved property.

Tom B. Cannon, 618 Polk St., Topeka, Kansas, informs the Department that he and several of his friends are thinking about coming to Arkansas, and want to locate at a place where there are good educational advantages.

Frank A. Johnson, Westboro, Wis., is looking for a location where he can get cheap land, preferably in North-east Arkansas.

Miss Leafie Gillmore, Arkansas City, Kans., wants to move to Arkansas, and asks for information about homestead land.

P. R. Cash, Anna, Ill., would like to buy a farm in the northern part of the State, suitable for the location of a colony of people who would make a specialty of cattle and dairy business.

L. E. Healey, Redlake Falls, Minn., has been sent literature describing the resources of the State.

Fred Becker, 803½ E. 33rd St., Los Angeles, California, wants to know something about the opportunity in Arkansas for sheep raising. He is looking for a good location.

John T. Ballard, Shelbyville, Ky., asks for general information about Arkansas, indicating that he contemplates investments here.

W. J. Hawkins, Lawrenceville, Ill., inquires about homestead land.

R. A. Reynolds, Box 291, Mishawka, Ind., sends for information about Marion County and White River country.

Clarence Hall, Box 124, Muskegon Heights, Mich., has had his attention attracted to Arkansas by the reports of large quantity of government land being available for homesteads.

W. P. Lanson, 2160 Oregon Ave., Cleveland, Ohio., sends his name to the Department as a prospective homeseeker.

J. S. Strong, Salisbury, Mo., has been forwarded maps and literature, descriptive of the farm lands of the State.

W. H. Sullivan, Box 734, Kennett, Mo., is an ex-service man, who, with a friend, wants to locate a homestead in Arkansas.

John W. Stevens, River Rouge, Mich., asks to be put in touch with owners who have farms for sale in North Central Arkansas.

Frank M. Gossard, Boiling Springs, Pa., is making a study of Arkansas conditions with the view of locating here.

Morris J. Regan, 1603 Russe'l Ave., Route No. 5, Danville, Ill., wants to buy a farm in Arkansas this Spring where he can establish a fruit and poultry farm.

Robt. E. Garr, Gifford, Mont., is thinking of locating in Northwestern Arkansas, and would like to get prices on a good farm.

Fred Moore, Box 92, Talihina, Okla., inquires about some homestead land.

J. T. Williams, Chapman's Crossing, Huntington, W. Va., is interested in farm land.

F. M. Hoffman, Borup, Minn., wants to get in touch with owners of land, or real estate dealers, in Saline County.

F. F. Morgan, St. Mary's, W. Va., wants to buy land suitable for fruit growing and stock raising in the higher part of the state where there are good roads and markets.

R. H. Warner, 602 Fourth Avenue, South, Fort Dodge, Iowa, has been sent information about Arkansas lands.

Frank L. Miller, 1408 Balmoral Ave., Chicago, Ill., is looking for homestead land.

E. Vrook, 111 South 15th St., Lincoln, Nebraska, is interested in Arkansas.

J. A. C. Mason, Spring Hill, Iowa, is pleased with reports that he has heard about Arkansas and as the climate is too cold for him in Iowa, he would like to get prices on Arkansas land "where there are not too many snakes."

Claude S. Bailey, Route No. 1, Alba, Rains County, Texas, wants to exchange his 58 acre Texas farm for a place of similar size worth from \$1,000 to \$1,500 in the Ozarks, near White River. He has an equity of \$1,050 in one of the best farms in his section valued at \$4,500.00.

T. J. Bowers, 3021 Valleys St., Denver, Colorado, makes inquiry concerning Arkansas lands.

A. F. Huesselman, Cedar Falls, Iowa, would like to get information about the different sections of Arkansas.

"Please send me a map and all information about homesteading, as I am interested," writes Thomas Daniels, Tulsa, Okla.

Ole E. D. Thompson, R. 1, Box 28, Englevalle N. D., requests map and literature about Arkansas.

Literature has been sent Nels O. Anderson, R. 2, Saybrook, Ill., who is interested in government lands.

W. H. Bays, Sequel, Calif., wants information about farm land for sale in the mountainous section. He thinks land is reasonable and is considering buying one or two farms in the northwest part of the state.

Lewis M. Frizzell, R. 3, Farwell, Mich., is thinking of moving to Arkansas, and wants land suited to farming and stock raising.

Roy Staats, Dalhart, and M. L. Baker, Texline, Tex., intend to buy farms and locate in Arkansas.

N. D. Crutcher, R. 3, Linden, Texas, requests information about farm land in Arkansas, as he would like to make a change this year.

Geo. M. Clark, R. 1, Montgomery, Ala., an ex-service man, has received literature about the state.

Anything that would help a prospective farmer in selecting a location in Arkansas will be of interest to Lester E. Lasselle, 633 Washington Blvd., Kansas City, Kan.

Information about Washington county as a place for fruit and poultry raising would be appreciated by C. M. Baldwin, 126 19th Ave., Maywood, Ill.

George Bakalar, 1001 Charles St., Streator, Ill., is thinking of coming to Arkansas and would appreciate all the information he can get about the state.

W. H. Osborn, Meriden, Conn., would like to buy a small farm where he can engage in the business of raising and training dogs to hunt and for show purposes. He is interested in Marion and Madison counties.

C. A. Hubbell, Helena, Okla., writes for information about Arkansas.

Miss Dorothy Waymire, R. 13, Dayton, Ohio, wants information showing what Arkansas has to offer the prospective settler, and what others have accomplished. A complete line of literature has been sent to her.

W. A. Catron, 1652 Wolfe St., Denver, Colo., is interested in farming and fruit growing, where the climate is mild and health conditions are good.

William Smithley, 838 Fourth St., San Bernardino, Calif., writes for information about the climate, and vegetable growing. He is especially interested in northwest Arkansas.

Literature has been sent to J. P. Dunlap, Box 632, Bristol, Va., who would like to take up a homestead in the state.

A. P. Maurer, Murchison, S. D., asks for booklets regarding soil, rainfall and crop conditions, and is interested in the country north of the Arkansas River.

Glenn D. Preston, Thrift Branch, Texas, inquires about homestead lands.

W. E. Bradstreet, Wauna, Ore., asks for printed matter regarding the production of fruit, grain and hay in Arkansas, and is anxious to learn more about the state.

Hale Clark, R. 1, Box 98, Hernando, Miss., wants to buy a small farm in Garland county. Must be near town.

Earl C. Pittman, R. 1, Box 10, Earl, Ark., wants to buy a farm in the hills that would be suitable for a stock and poultry ranch.

Chas. L. Kling, Yampa, Routt Co., Colo., wants to exchange an irrigated, highly improved Colorado farm of the value of \$7,000, for a well improved north Arkansas farm of less or greater value. He wants some bottom land.

Forecast of Arkansas Strawberry Movement, Season of 1921

Shipping Point	Sales Manager	Acreage	Variety	Car Lots Expected	Shipments Begin
SEVIER CO.—					
De Queen	J. L. Cannon	250	Klondike	40	Apr. 5 to 10
Lockesburg	T. A. Parker	30	Klondike	5	Apr. 5 to 10
King	F. W. Knod	20	Klondike	L.C.L.	Apr. 5 to 10
Horatio	H. C. Pride	1100	Klondike	160	Apr. 5 to 10
POLK CO.—					
Gilham	F. W. Knod	50	Klondike	8	Apr. 5 to 10
Wickes	J. C. Jones	50	Klondike	7	Apr. 10
Grannis	Dan Hurrah	45	Aroma	8	Apr. 20 to 25
SCOTT CO.—					
Abbott		30			
SEBASTIAN CO.—					
Mansfield		20		L.C.L.	
Fort Smith		20		L.C.L.	Apr. 15 to 20
PULASKI CO.—					
Mabelvale		60		L.C.L.	Apr. 12 to 15
Sweet Home			Klondike	L.C.L.	
Little Rock			Mixed	L.C.L.	
LONOKE CO.—					
Ward	R. M. Montgomery	100	Klondike	12	Apr. 15 to 20
Cabot	R. M. Montgomery	225	Klondike	20	Apr. 15 to 20
WHITE CO.—					
Bald Knob	J. W. Combs		Klondike 70%	155	Apr. 15 to 20
	J. A. Adkins	1200	Aroma 25%		
Beebe		500		50	Apr. 15 to 20
Bradford	Steve Throgmorton	425		70	Apr. 15 to 20
				10	Apr. 15 to 20
Garner	Ozark Fruit Growers' Association	260	Klondike	35	Apr. 15 to 20
Griffithville	Ozark Fruit Growers' Association	250		30	Apr. 15 to 20
Higginson	A. M. Kittler	1600	Klondike 70%	210	Apr. 15 to 20
	Bing Moody	1600	Aroma 25%		
Judsonia	C. H. Millett				
McRae	Cardwell Brok. Co.	1500		190	Apr. 15 to 20
Russell	J. W. Combs	150		30	Apr. 15 to 20
Searcy	Ozark F. G. Ass'n	100		15	Apr. 15 to 20
	Ozark F. G. Ass'n	90		12	Apr. 15 to 20
West Point					
INDEPENDENCE CO.—					
Desha	M. D. Halsey	50		L.C.L.	
CRAIGHEAD CO.—					
Jonesboro		20		L.C.L.	
CLAY CO.—					
Piggott		100		L.C.L.	
CONWAY CO.—					
Morrilton	J. W. Smith	130		12	
CRAWFORD CO.—					
Alma	T. O. Cole	125	Klondike	12	Apr. 15 to 20
Dyer		180	Klondike	5	Apr. 15 to 20
Mulberry		150	Klondike	25	Apr. 15 to 20
Van Buren	H. Rouw	300	Klondike	50	Apr. 15 to 20
Mountainburg		100	Klondike	L.C.L.	Apr. 20
Rudy		75	Klondike	L.C.L.	
WASHINGTON CO.—					
Fayetteville	C. Appleby	400	Klondike	50	Apr. 25 to May 1
Farmington	C. Appleby	600	Klondike	75	Apr. 25 to May 1
Winslow		100	Klondike	14	Apr. 25 to May 1
Lincoln	C. Appleby	140		18	Apr. 25 to May 1
Prairie Grove	C. Appleby	130		17	Apr. 25 to May 1
Johnson	J. E. Jones	300		40	Apr. 25 to May 1
Springdale	W. Cardwell		Klondike 75%		
	J. Hewitt	2100	Aroma 25%	260	Apr. 25 to May 1
BENTON CO.—					
Avoca	Ozark F. G. Ass'n	300	Aroma	50	May 10
Garfield	Ozark F. G. Ass'n	250	Aroma	40	May 10
Bentonville	B. A. Sweeney	100	Klondike	L.C.L.	
Decatur	Ozark F. G. Ass'n	320	Aroma	50	
Gentry	F. P. Wier	125		20	May 1
Gravette	Ed Martin	100		12	May 1
Illwaco		40		6	May 1 to 10
Lowell		150		20	May 1 to 10
Rogers	C. S. Brant	100		12	May 1 to 10
Siloam Springs	V. C. DeWitt	125	Klondike	14	May 1 to 10
BOONE CO.—					
Harrison		100		15	Apr. 28 to May 1
CARROLL CO.—					
Eureka Springs		100		L.C.L.	May 1
Berryville		90		12	May 1
Grandview		60		8	May 1
SEARCY CO.—					
Pindall		40	Klondike	5	Apr. 25 to May 1
Marshall		40	Klondike	5	Apr. 25 to May 1

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture

FOR SALE

CATTLE

Two fine registered Jersey bull calves, \$50 each. L. W. Forbes, Hackett, Arkansas.

Priced for Quick Sale—my small herd of registered Herefords consisting of one 15-months old bull by Beau Randolph, Jr., by Beau Randolph; one herd bull, 4 years old, of Beau Brummel-Anxiety breeding, and nine good cows ranging from two to seven years of age; all due to calve in March, April and May. For particulars write J. O. Justus, Lead Hill, Ark.

One good Holstein bull, A. R. O., 12 mos. old; strain, Briar Mutual Dekal 2nd, No. 156574, grand sire; Clytine Dekal Pledge Netherland 2nd, No. 221404, sire; \$250 if sold quick. W. T. Clemmons, 17 North 6th St., Ft. Smith, Arkansas.

HOGS

Registered Duroc-Jersey pigs of either sex; priced in line with the times. T. J. Dooley, Stafford, Ark.

Pure-bred, immunized, Duroc-Jersey and Poland China boar and sow pigs. State Agricultural School, Jonesboro, Arkansas.

Pure-bred, immunized, Duroc-Jersey yearling boars and open gilts. Miss Julia Banks, Milford, Arkansas.

Registered Hampshire bargains. Herd boar two years old, \$65; bred gilts, \$35 to \$50; open gilts, \$25 to \$35. The Hampshire is the hog for the south. Forrest P. Owens, Bingen, Arkansas.

Registered Mule Foot hogs and pigs. Write for prices. Henry U. Archer, Huddleston, Ark.

Registered Duroc boar, Model Orio King 2nd, No. 143391. This is a fine boar which I cannot use any longer in my herd. Age 3 years, height 37 inches. I paid \$75 for him as a pig. Will sell cheap. Write the Clay County Holstein Farm, Rector, Arkansas.

Four pure-blooded Duroc Jersey bred gilts. Satisfaction guaranteed. Ensign Brothers, Clarksville, Ark.

Duroc Jersey pigs. Miss Frances Mitchell, 1421 Spring St., Little Rock, Arkansas.

Seven Red Duroc pigs, 3 males and 4 females, average weight about 60 lbs., 8 weeks old, \$12 f. o. b. Danville. This includes registration papers. W. C. Graydon, Danville, Ark.

Duroc Jersey pigs, both sexes, open or bred gilts and sows, service boars; best blood lines. S. D. Carpenter, County Agent, Osceola, Ark.

HORSES, MULES AND JACKS

Big Jess, a fine black jack, four years old, about 16 hands with heavy bone. His sire, Jeff Davis, owned by R. E. Simple, is over 16 hands, and a very fine jack. Will sell for cash or good note, or trade for land, mules or cattle if sale is made quick. W. H. Porter, Hardy, Arkansas.

SHEEP

Full-blood and high-grade Merino sheep, fine wool and good shearers; lambs, \$4; older ones, \$6. C. C. Cunningham, Tulip, Arkansas.

POULTRY

Two pairs Indian Runner ducks, \$3 a pair; two pairs African geese, \$5 a pair; two pair blue peacocks, \$25 a

pair. J. W. Forbes, Hackett, Arkansas.

Mammoth Imperial Pekin Ducks—the Berry strain eggs for setting, \$2 for twelve; ducklings, 30c each, or \$25 per 100. Miss Emile Singleton, Huddleston, Arkansas.

S. C. Rhode Island Red selected eggs for hatching; fifteen for \$1. Ed Mulen, Mountain Crest, Arkansas.

S. C. Rhode Island Red eggs for hatching, \$1.50 for fifteen. Very fine. Mrs. O. V. Thurston, Harrison, Arkansas.

Barred Plymouth Rock eggs, per setting, \$2. Fred Brown, 1400 Allis St., Little Rock, Arkansas.

Silver Wyandotte eggs, trap-nested from Pen A, \$2.50; Pen E, \$1.50 for setting of fifteen. Fine stock. Lewis T. Sanders, McNeil, Arkansas.

Brown Leghorn, Single Comb, eggs, per setting, \$2.00. James Brown, 1400 Allis St., Little Rock, Arkansas.

S. C. Brown Leghorn eggs for hatching, fifteen eggs, \$1.25 postpaid; 100 by express, \$5.00. Satisfaction guaranteed. T. C. Harris, Route No. 1, Greenwood, Arkansas.

Barron strain white Wyandottes direct from J. T. Jordan's best pens; Mountain Grove, Missouri egg contest. My pen won three special prizes so far of this year's contest at Mountain Grove. Eggs, \$2.25 setting; \$12.00 per 100; in lots of 200 or more, \$10 per 100 prepaid; \$5 of fertility guaranteed. Fairview Wyandotte Egg Farm, Aurora, Mo.

Single Comb White Leghorns, young strain; eggs, \$1.50 per 15; \$2.75 per 30; \$7.50 per hundred, prepaid. F. M. Priestly, Decatur, Ark.

Single Comb White Leghorn eggs, from a high laying strain, \$1.50 per setting; special price for large quantities. Fletcher Bros., Lonoke, Ark.

Ancona, the world's greatest layers of large white eggs; \$2.00 for 15. Also Canadian Runner ducks, Berry strain; eggs, \$2.00 for 12. Mrs. E. G. Archer, Huddleston, Ark.

Rose Comb White Wyandotte eggs, J. C. Fishel egg-a-day strain; \$2.50 for 15. Mrs. Homer Ford, Box 373, Beebe, Arkansas.

Barred Rock eggs, utility strain, fine for winter layers; \$1.25 for 15, postpaid. Mrs. L. A. Yates, Onyx, Ark.

White Plymouth eggs from large, pure white vigorous birds; \$1.50 per setting; \$4.00 for 50; \$7.00 per 100. Eggs carefully packed for shipment. Mrs. E. L. Utterback, Gazette, Mo.

Eggs for hatching from choice bred-to-lay Barred Rocks, also from one of the best laying strains of single comb Rhode Island Reds, \$2.00 per setting of 15 eggs. Mrs. J. A. Sanders, Route 6, Box 101, Fayetteville, Ark.

Ferris S. C. White Leghorn Cockerels, hatched in May from 265-300-egg hens. Eggs direct from Ferris yards. Cockerels \$15 each, two or more to one address, \$27.50. Same kind sold by Ferris for \$20 each, besides express. J. Martin, Franklin, Arkansas.

Thoroughbred Single Comb Brown Leghorn eggs for hatching, \$1.25 for 15, postpaid; \$6 for 100. T. C. Harris, R. 1, Greenwood, Ark.

Columbia Rock Roosters and eggs for hatching; pure bred trap-nested. Mrs. E. S. Taff, Bentonville, Ark.

Twenty-five Rhode Island Red Cockerels; 25 Barred Rock cockerels; \$3 to \$5 each. E. B. Whitaker, County Agent, Marianna, Ark.

Eggs for hatching from S. C. Anconas; pen No. 1 headed by first prize cockerel at St. Louis Coliseum Show. Chas. W. Barnett, Batesville, Ark.

Mammoth Bronze Turkeys, pure bred, \$8.50 each. Mrs. E. A. Standfield, Route 3, Van Buren, Ark.

SEEDS AND PLANTS

Sweet Potato plants, Nancy Hall and Porto Rican, \$1.50; white, \$1.25. Albert Dillard, Amity, Arkansas.

Four bushels white cornfield "navy" beans, 6 cents a pound sacked and delivered to railroad station at Combs. W. J. Williams, Route No. 1, Box 31, Japton, Arkansas.

Fifty bushels Mission Red seed potatoes, suitable for planting; \$1.50 a bushel sacked and delivered to railroad station at Combs. Wm. J. Williams, Japton, Arkansas.

True White Blossom Biennial Sweet Clover seed, re-cleaned, sacrificed and tested for purity; rock bottom prices. The Atchison Seed & Flower Co., Atchison, Kan.

Choice early speckled Velvet beans, 1920 crop, at \$1.25 per bushel; choice Osceolas, \$1.75 per bushel; choice Bunches, \$2.35 per bushel. Even weight bags. H. M. Franklin, Tennessee, Ga.

Reid's Yellow Dent seed corn, hand shelled, mixed just a little with white corn which gives a larger ear; 5 cents per pound. W. B. Waters, Pyatt, Ark.

Vandiver heavy fruiter cotton seed, \$1.00 per bushel, delivered to depot at Buffalo, Ark. J. H. Cunningham, Laytonville, Ark.

Hastings Prolific seed corn, three or four ears to stalk; raised from seed bought from H. G. Hastings, Atlanta, Ga., in 1919; 15c per lb., \$2.50 per 1/2 bu., \$4.50 per bu., four or more bushels to one person, \$4.00 per bu. J. Martin, Franklin, Ark.

Two bushels Evergreen Broom corn seed, 7c per lb. or will exchange for beans or Spanish peanuts. J. Martin, Franklin, Ark.

Rhubarb plants, several eyes to each, \$15 per M, \$2.50 per C, express not paid, 50 cents a dozen postpaid. J. C. Caldwell, Lowell, Ark.

Five cars sweet clover seed, \$10 per 100 lbs., f. o. b. Wheatland, re-cleaned basis, sacked. Geo. W. Burckhalter, County Agricultural Agent, Wheatland, Wyoming.

Paymaster seed corn. L. W. Sturdivant, McCrory, Ark.

Cottonseed, picked before the rains; Columbia Big Boll, Webber 49, Express, Mebane Triumph, Wannamaker Cleveland. S. D. Carpenter, County Agent, Osceola, Ark.

Mebane Triumph cottonseed. L. W. Sturdivant, McCrory, Ark.

Ten tons pure Rhea's Wonder, long staple, cottonseed, \$60 ton; 40 tons Wannamaker, short staple, \$45 ton; 3 tons pure Haagga, long staple, \$60 ton. J. L. Tully & Son, Fry's Mill, Arkansas.

Lespedeza seed, \$6 per bushel. E. M. Percy, Weyanoke, La.

Three cars Spring Barley, 75 cents a bu.; 3 cars seed Red Rust Proof oats, 60 cents a bu.; 5 cars pure Acala cottonseed, \$2 per bu.; 1500 lbs. Sweet clover seed, 16 cents a lb.; 1500 lbs. alfalfa seed, 20 cents a pound, f. o. b. Chickasha, Okla. Oscar Early, Pres., Grady County Grange Exchange, Chickasha, Okla.

Johnson grass seed. Kimbrough-Mitchell Seed Co., Meridian, Miss.

Choice alfalfa seed, Dakota 12, \$35 per cwt.; genuine Grimm, \$55 per cwt., f. o. b. Brookings. E. C. Clark, care Geo. P. Sexauer & Son, Brookings, S. D.

MISCELLANEOUS

Pure home made sorghum, 10-lb. bucket, \$1.00 each. W. P. Waters, Pyatt, Ark.

Red Cedar plants, 5c and 10c each. No orders filled amounting to less than 50c. W. P. Waters, Pyatt, Ark.

Honeysuckles, dahlias and chrysanthemums, assorted, 11c each; gladiolas, mixed, 6 for 25c; narcissus and jonquils, 30c per dozen. Annie Brown, Lowell, Ark.

Lespedeza hay, 10 car loads; \$18 to \$20 a ton, f. o. b. shipping station. I. R. Bradshaw, County Agent, Ackerman, Mississippi.

Mongolian Soy Beans. Ed Martin, New Home Farm, Gravette, Ark.

Snapped, shucked or shelled corn. J. H. Miller, Lonoke, Ark.

1000 bushels White Spanish peanuts. T. H. Brock, County Agent, Doniphan, Missouri.

Cotton Production by Counties in Arkansas Last Year

That Arkansas in 1920 produced its largest cotton crop, as was early predicted by the Arkansas Cooperative Crop Reporting Service, is announced by the Bureau of the Census. The report is on cotton ginned by counties for the crops of 1920 and 1919.

County	1920	1919
The State	1,177,095	867,177
Arkansas	3,895	2,033
Ashley	12,536	10,147
Baxter	3,510	2,377
Bocne	1,332	1,231
Bradley	8,230	5,439
Calhoun	7,708	4,869
Chicot	10,010	14,246
Clark	12,312	9,229
Cleburne	7,535	4,069
Clay	19,398	12,628
Cleveland	11,300	7,102
Columbia	19,548	13,052
Conway	25,278	19,410
Craighead	19,321	19,979
Crawford	24,883	13,605
Crittenden	46,611	41,771
Cross	16,167	11,513
Dallas	6,736	4,269
Desha	17,990	13,620
Drew	12,119	8,911
Faulkner	22,749	16,553
Franklin	19,945	11,422
Fulton	4,275	3,412
Garland	3,668	2,516
Grant	5,143	3,012
Greene	14,108	11,376
Hempstead	17,983	13,208
Hot Spring	5,603	3,487
Howard	12,690	9,489
Independence	14,503	9,413
Izard	7,476	5,415
Jackson	34,894	26,278
Jefferson	60,195	34,503
Johnson	21,010	12,975
Lafayette	10,960	8,408
Lawrence	23,521	16,365
Lee	26,741	27,698
Lincoln	22,230	12,780
Little River	13,635	9,683
Logan	32,045	17,060
Lonoke	43,609	25,674
Marion	2,661	1,841
Miller	10,541	9,584
Mississippi	61,962	60,378
Monroe	23,934	14,562
Montgomery	3,655	2,714
Nevada	12,184	9,887
Ouachita	8,366	6,413
Perry	7,334	4,561
Phillips	37,596	33,339
Pike	5,303	4,761
Pope	31,049	19,859
Poinsett	21,541	17,263
Polk	6,557	6,135
Prairie	11,486	6,359
Pulaski	25,423	16,253
Randolph	12,382	9,131
St. Francis	32,083	28,725
Saline	3,575	2,519
Scott	14,000	9,168
Searcy	1,858	1,143
Sebastian	22,927	11,913
Sevier	6,295	6,951
Sharp	6,591	3,519
Stone	1,840	1,267
Union	12,301	11,549
Van Buren	6,014	4,436
White	29,566	18,373
Woodruff	24,094	23,750
Yell	29,960	20,302
All other	632	295

ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

June, 1921

Ten Thousand Acre Cantaloupe Crop Puts Arkansas Ahead of Colorado, Where the Rocky Ford Was Born

WITH 10,000 acres of cantaloupes, the harvesting of which will begin about July 5, Arkansas this year crowds Colorado, the birthplace of the famous Rocky Ford, out of second position among the states in the production of these luscious melons. In 1920 California led with 30,300 acres and Colorado was second with only 3,280 acres or 1,720 acres less than is reported from Arkansas this year. Arkansas was third with a harvested acreage of 6,200.

Cantaloupes are grown in commercial quantities in a dozen or more counties in the state, but two-thirds of the acreage is in Sevier and Hempstead counties. The bulk of the crop will move to the Northern and Eastern markets in car lots, starting from points along the Kansas City Southern, the Prescott and Northwestern, the Frisco and the Missouri Pacific railroads. Express shipments will be made from points where the acreage is small.

Following the gathering of the crop in Southwest Arkansas, the growers north of the Arkansas river will begin to ship and the harvest in Northwest Arkansas will prolong the shipping season until about August 15, during which time it is estimated that Arkansas will have shipped from 1,500 to 2,000 cars.

Chas. S. Bouton, of the Bureau of Crop Estimates, after a tour of the cantaloupe district, makes the following statement relative to conditions:

"The acreage is a third less than was expected, due to conditions that have been unfavorable. Planting began the second week in April and was continuous up to May 15. The condition of the crop in Sevier and Hempstead counties is not above 66 per cent. Some growers state that the crop is from 10 to 15 days late on account of continuous cold and rainy weather, but it is believed that shipments will begin from most points at the average date. In 1920 the heaviest movement was on July 26 when 70 carloads a day were being loaded at Arkansas stations.

"Fertilizer has been used in the usual quantities and with the advent of warmer weather, conditions should improve under the stimulus of cultivation, which in many localities has been necessarily impeded."

The salmon-tinted "Pollock 10-25" will be the leading variety shipped this year, although there was a con-

TRAIN-LOAD SHIPMENTS BEGIN FROM SOUTHWEST ARKANSAS
EARLY IN JULY—NORTHWEST ARKANSAS CLOSES A MONTH LATER



Cultivating a Field of Arkansas Cantaloupes

siderable planting of "Pollocks" and "Rocky Fords."

The growers have given considerable attention to the selection of varieties, keeping in touch with the market demands and taking advantage of every opportunity to improve the quality of these melons. They are well organized at the principal points, have arranged for crate material and refrigerator car service and will be ready to start the harvest with first ripening of the fruit.

Where Arkansas Cantaloupes Are Sold.

By Turner Wright.

Alabama—Birmingham, 2; Colorado—Rocky Ford, 2; Illinois—Bloomington, 1; Chicago, 88; Decatur, 2; Dixon, 1; Galesburg, 2; Peoria, 6; Quincy, 1; Springfield, 1; Streator, 2; Indiana—Indianapolis, 6; Iowa—Cedar Rapids, 6; Davenport, 7; Des Moines, 18; Dubuque, 1; Marshall-

town, 1; Sioux City, 2; Waterloo, 5; Kansas—Coffeeville, 3; Hutchinson, 1; Parsons, 3; Pittsburg, 16; Salina, 3; Topeka, 7; Walnut, 1; Wichita, 8; Winfield, 2; Michigan—Detroit, 1; Minnesota—Minneapolis, 2; St. Paul, 4; Missouri—Hannibal, 1; Joplin, 5; Kansas City, 163; St. Joe, 4; St. Louis, 365; Springfield, 6; Nebraska—Lincoln, 3; Omaha, 21; New York—New York City, 22; Rochester, 7; Ohio—Cincinnati, 29; Cleveland, 6; Columbus, 13; Dayton, 4; Springfield, 1; Toledo, 9; Oklahoma—Enid, 1; Oklahoma City, 7; Tulsa, 6; Tennessee—Memphis, 5; Nashville, 5; Texas—Burk-Burnett, 1; Dallas, 1; Ft. Worth, 1; Jacksonville, 1; Ranger, 1; Wisconsin—LaCrosse, 2; Milwaukee, 8; Canada—Toronto, 2.

The carlot shipments of cantaloupes from the producing sections of the state during the 1920 season according to reports made of the Bureau of

Markets, U. S. Department of Agriculture, amounted to a total of 907. More than half of these carlot shipments or 544 cars were shipped to Missouri points. As in the case of strawberries, the largest number of cars shipped to any one point went to St. Louis, which city received 365 cars of the total. The next city of importance from the standpoint of Arkansas cantaloupe distribution is Kansas City, to which 163 cars were sent. The total number of cars shipped to each of these two cities was greater than the total number shipped to any state other than Missouri. By far the greater distribution of the crop was made in the upper Mississippi valley. A few shipments, however, were made as far east as New York and as far west as Colorado.

Information contained in the best market reports available indicates that the total market movement of cantaloupes from the various producing sec-

tions of the United States is likely to be considerably larger than last year. We would urge, therefore, that special attention be given to grading and packing and that every attempt be made in so far as possible to standardize the shipments from the state. It must be remembered that every shipment of a product of inferior quality has an injurious effect on the general reputation of all shipments of that product from the state. It also is suggested that growers and shippers might co-operate in developing new markets.

Increase in Green Tomato Shipments.

It is estimated that Arkansas will this year gather 1,057 acres of tomatoes, exclusive of those intended for canneries, to be shipped green and paper-wrapped, this as compared with a harvest of only 40 acres in 1919.

The shipping points, acreage and sales managers are given as follows: Gurdon, 175 acres, Robert Smith, county agent, Arkadelphia; Grannis, 15 acres, A. Coyle; Wickes, 10 acres, J. W. Tuttrell; Gillham, 25 acres, Knod Bros.; Winthrop, 60 acres, C. E. Rotramel; Foreman, 75 acres, C. E. Rotramel; Van Buren, 40 acres, E. W. Spencer; Ft. Smith, 25 acres, H. Raouw; P. & N. W. R. R. points (Blevins, Arcadia, Deanyville, Shady Grove and Prescott), 40 acres, V. H. Thomas, Blevins; Springdale, 272 acres, Wm. Claypool; Decatur, 60 acres, E. N. Plank.

The Arkansas Cantaloupe

Ripened in the sunshine of an Ozark summer the Arkansas cantaloupe needs only to be sliced in half and sprinkled with crushed ice to make a feast for a king—two kings. The flavor of its rich yellow meat combines the sweetness of the strawberry with the lusciousness of the peach, suggesting a dash of the grape fruit and pinches of rare spices. It is both a food and a delicacy, the most pleasing, wholesome and nourishing of all breakfast fruits.

ARKANSAS FARM AND MARKETING BULLETIN

PUBLISHED MONTHLY BY THE
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE
JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

FARMOGRAMS

Arkansas has nine cotton warehouses licensed under the Federal Warehouse act. Georgia has 137 and Alabama 37.

The May report of the Bureau of Crop estimates shows the following interesting figures: First, a further reduction in the acreage of wheat, which can no longer be regarded as anything but a minor crop in this State; Second, a very marked increase in tame hay; Third, a delay in both plowing and planting, owing to bad weather in April, which leaves the State with 10 per cent less work done than a year ago; and Fourth, the best figures concerning live stock that the State has had in years, with less number of losses from exposure and with a higher spring condition of all classes.

The time-worn theory that "lightning never strikes twice in the same place," has been modified by forest experts of the United States Department of Agriculture to this extent: Lightning very often strikes in nearly the same places. It has its zones, in other words, where its appearance may usually be counted on with each electrical storm.

For selling wild ducks in violation of the Federal Migratory Bird Treaty Act, Federal Judge Jacob Trieber, at Little Rock, imposed maximum penalties on John Hardy and Nick Gurno, at the May term of court. Hardy was fined \$500, while Gurno was sentenced to six months in jail and assessed, in addition, a fine of \$50. It was alleged that both of the accused have been leading figures in illegal traffic in wild ducks. Both had previously been arraigned in Federal court for violation of the game laws.

The Caddo Valley Truck and Fruit Growers Association has been organized with 90 members at Womble. Otto H. Bennett is secretary-treasurer. The association expects to build a sweet potato drying plant and seeks to interest capital in the promotion of a canning factory, box factory and ice plant.

A farmers' short course will be held under the direction of the Division of Extension, College of Agriculture, University of Arkansas, Fayetteville, August 16-19, the program of which will be announced later.

According to an announcement of the U. S. Census Bureau, Arkansas, in 1919, ranked sixth among the states in lumber production, with an output of 1,772,200 M. feet B.M. The state of Washington is first with a production of 4,961,200 M.; Louisiana, sec-

ond with 3,163,900 M.; Oregon, third with 2,577,400 M.; Mississippi, fourth with 2,390,100 M. and Alabama fifth with 1,798,800 M. The total lumber cut in the United States, not including small mills, cutting less than 50,000 feet annually, in 1919 was 34,552,100 M. board feet as compared with 44,509,800 M. in 1909 but the price averaged \$30.21 per M. in 1919 as compared with \$15.38 per M. in 1909, and the total value at the mill in 1919 was \$1,043,932,000 as against \$684,479,900 in 1909.

Boll weevils develop about as rapidly and live as long on one kind of cotton as on another. They seem to adapt themselves to new conditions rapidly and become organized to carry on their work of destruction without delay. These points are brought out in detailed studies of the pest in the States east of the Mississippi River, covering a period of two years, conducted by entomologists of the United States Department of Agriculture at Madison, Fla.

Strawberry Growers so far this season have marketed their crops without severe price declines. The rapid rise in strawberry prices while early shipments were coming from Louisiana seems to have paved the way for an active demand for the output from other sections. North Carolina, Tennessee, Arkansas, and Virginia berries have been selling in eastern markets on a quart basis generally at 20 to 30c. Early movement of strawberries has been heavier this season than during similar periods in the preceding five years. The number of cars shipped to May 7 was about twice that during the same period of three preceding seasons and moderately heavier than the movement in 1916.

The unusually wide difference between the prices of new potatoes and of old stock is a matter now receiving much comment. Seldom, if ever, before have new potatoes realized approximately four times as much as old, especially when the new crop was so well under way. When new potatoes first arrive they naturally bring a large premium and frequently realize prices entirely out of proportion to prices of old stock, but usually prices adjust themselves until the spread between them is not very wide. This year at the middle of May the Florida Spaulding Rose varieties are selling at \$7.50 to \$8, while Maine Green Mountains in 165-lb. sacks are selling at only \$1.75 to \$2 per sack.

T. Roy Reid, Extension Live Stock Specialist of the College of Agriculture of the University of Arkansas, has prepared the first of a series of live-stock letters to be issued regularly in the interest of the live-stock growers of the State. The first letter summarizes the value of a county, live-stock breeders' association. It also explains the method of operating a beef club, which provides a constant supply of fresh beef for the farmers. According to the plan, eight to six-

teen members take turns in contributing an animal to be butchered, dividing the carcass equitably. They take turns in receiving the choice and poorer cuts. Records are kept of the dressed weights of the animals and of the weight of meat received by each member. At the end of the season complete settlement is made, the member receiving payment for extra weight of dressed animals furnished, or paying for extra meat received above the value of the animals contributed.

Arkansas Goes Backward in Tick Eradication Work

A Government order effective April 15, 1921, re-quarantines portions of Arkansas because of reinfestation by ticks. The territory affected comprises the counties of Chicot, Desha, Drew, Lincoln, Logan, and Yell, and portions of the counties of Jackson, Jefferson, Lonoke, Pulaski and White. The following shipping points in Arkansas are ordered reserved for non-infected cattle: All loading pens on the Chicago, Rock Island & Pacific Railway in Lonoke County; and North Little Rock and Jacksonville in Pulaski County.

Sale Prices of Farm Products in Arkansas in May.

Hogs (live weight), per 100 lbs.	\$ 7.10
Beef cattle (live weight), per 100 lbs.	4.40
Veal Calves (live weight), per 100 lbs.	5.85
Sheep (live weight), per 100 lbs.	3.70
Lambs (live weight), per 100 lbs.	5.30
Milk cows, per head	42.00
Horses, per head	67.00
Milk (whole), wholesale, per gallon	.33
Milk (whole), retail, per gallon	.42
Wool (unwashed), per lb.	.11
Wool (washed), per lb.	.18
Apples, per bushel of 48 lbs.	2.95
Apples, per barrel	8.00
Peanuts, per lb.	.07
Beans (dry), per bushel of 60 lbs.	3.75
Sweet potatoes, per bushel of 55 lbs.	1.35
Cabbages, per 100 lbs.	3.25
Cabbages, per 100 head	7.00
Onions, per bushel of 57 lbs.	2.20
Timothy hay (loose), per ton of 2,000 lbs.	18.30
Clover hay (loose), per ton of 2,000 lbs.	18.60
Alfalfa hay (loose), per ton of 2,000 lbs.	19.15
Prairie hay (loose), per ton of 2,000 lbs.	13.00
Clover seed (red), per bushel of 60 lbs.	10.80
Timothy seed, per bushel of 45 lbs.	5.25
Cotton seed, per ton of 2,000 lbs.	17.25
Eggs, per dozen	.16
Chickens (live weight), per lb.	.18
Cowpeas, per bushel	2.00
Cream, per pound of butter fat	.30

The following are prices of products bought by farmers:

37 Clover seed (red), per bu. of 60 lbs.	\$15.00
38 Timothy seed, per bu. of 45 lbs.	6.00
39 Alfalfa seed, per bu. of 60 lbs.	14.00
40 Bran, per ton	30.35
41 Cottonseed meal, per ton	33.70
42 Cottonseed hulls, per ton	10.00

Forecast of Arkansas Cantaloupe Movement, Season 1921

Shipping Point	Acre	Sales Mgr. or Secy.	Variety	Cars	Date
Texarkana	65	J. A. Pierce	Pollock	15	July 12
Winthrop	325	C. E. Rothamel	Pollock	75	July 10
Foreman	85	C. E. Rothamel	Pollock 10-25	25	July 10
Horatio	1950	H. C. Pride	Pollock 10-25	220	July 5
Lockesburg	600	T. W. Parkes	Pollock 10-25	110	July 16
DeQueen	300	J. L. Cannon	Rocky Ford	50	July 16
Gillham (Knod)	250	Knod Bros.			July 16
Wickes	60	A. C. Higginbotham	Pollock	20	July 16
Grannis	220	Andrew Coyle, K. C. S. Valley Truckers, J. C. Jones and Grannis Fruit and Truck Growers' Association			July 26
Mena	25		Pollock	40	July 20
Hatfield	75				July 25
Cove	205	Claud Barton & Dan Harrah			July 25
Shibley	100	E. W. Spencer		100	July 25-Aug. 1
Van Buren	500	H. Raouw, Ft. Smith	Pollock	30	July 25-Aug. 1
Rudy	150	J. G. Wofford	Rocky Ford		August 1
Mountainburg	100	J. M. Doyel and E. W. Coughan	Rocky Ford		August 1
Mulberry	120	S. B. Hawkins	Rocky Ford	20	July 20-25
Alma	120	— Cole			July 20-25
Dyer	30	— Cole			July 20-25
Springdale	80	W. Claypool	Pollock 10-25		August 5
Gravette	35	Farmers' Union			August 5
Hope	150	A. C. Munz	Pollock 10-25	30	July 10
Patmos		C. S. Lowthorp			July 15-20
Emmet	150	Emmet Merc. Co.	Pollock	25	July 15-20
Tokio	150	M. L. Stuart and H. M. Stephens	Pollock 10-25	30	July 15 and later
Belton	200	H. M. Stephens	Pollock 10-25	40	July 15 and later
Dotson	250	H. M. Stephens	Pollock 10-25	50	July 15 and later
Blevins	300	H. M. Stephens	Pollock 10-25	60	July 15 and later
Dunlap	200	H. M. Stephens	Pollock 10-25	40	July 15 and later
Shady Grove	100	H. M. Stephens	Pollock 10-25	15	July 15 and later
Deanyville	125	H. M. Stephens	Pollock 10-25	22	July 15 and later
	150	W. T. Yarbrough	Pollock 10-25	26	July 12
	225	B. T. Ward	Pollock 10-25	50	July 12
Arcadia					July 20
McCaskill	250	Bert Scott	Pollock 10-25	40	July 15
Woodsonville	75	J. F. Davis	Pollock 10-25	10	July 15
Washington	80	Claude Garner	Pollock 10-25		July 10-15
Bingen	125	E. N. Martindale			July 10-15
Nashville	400	J. W. C. Bell, Jr.	Pollock 10-25	100	July 10
Min. Springs	100	J. W. C. Bell, Jr.	Pollock 10-25	25	July 10
Highland	400	Bert Johnson	Pollock	80	July 5-10
Delight	80	Geiss	Rocky Ford	12	July 10
Glenwood	50				
Stamps	15				
Dalark	100	C. N. McCaskill	Rocky Ford	20	July 22
Amity	287	J. Warren Stephens	Pollock 10-25		July 20
Arkadelphia	225	John Molbury	Pollock 10-25		July 20
Gurdon	100	H. M. Stephens	Pollock 10-25		July 15
Okolona	30	Will Bell	Pollock 10-25		July 15
Monticello	175	Farmers' Union	Rocky Ford	35	July 1
Ozark	15	W. E. Williams			July 20
Centerville	150	W. E. Tavior		30	July 15

Homeseekers Who Want to Buy Arkansas Farms

Chas. H. Myers, 141 North C street, Hamilton, Ohio, writes for information that would be of interest to homeseekers.

G. V. Roller, 213 East 8th street, Topeka, Kan., and some friends are seeking a new location and will come to Arkansas if they can find what they want.

"I am interested in Arkansas and will appreciate all the information I can get," writes Thomas Harmon, Fouke, Jasper Co., Miss.

C. N. McLaughlin, P. O. Box 95, Winona, Minn., who has received descriptive literature of the state, is thinking of moving here.

"I intend to locate in southeast Arkansas soon," says Harry Fisher, 2806 University street, St. Louis, Mo. He requests that information about the state be sent his brother, Paul Fisher, Jackson, Ala.

Glenn E. Hygh, 606 East Kansas Ave., St. Joseph, Mo., inquires about Arkansas farms. He is interested in Benton, Boone, Carroll and Marion counties.

"Will you please send me a book of the different counties in Arkansas that have homestead land in them?" writes W. H. Brown of Risco, Mo.

Howard Williams, Route 1, Kaufman, Texas, has received literature describing the resources of the state. He is especially interested in the Ozark mountains.

W. F. Strong, Belleville, Kan., is among those who have inquired for descriptions and prices of Arkansas farms.

J. T. Kirby, 7753 Lowe Ave., Chicago, Ill., wants to know about the soil and climate in Arkansas. He asks about farms in the Ozark region.

H. A. Ball, Box 1654, Miami, Arizona, is thinking of moving to Arkansas in the near future and will appreciate any information about the state.

Jack Thomman, 723 North Buffalo St., Cleburne, Texas, an ex-soldier, says "I am anxious to go to Arkansas as soon as possible." He inquires about homestead land in Benton county.

Geo. C. Probst, P. O. Box 455, Tulsa, Okla., has received information on fruit growing, mineral and timber lands of the state.

Chas. Kelley, 461 Detroit St., Denver, Colo., says "I would like to learn the facts about farm land of Arkansas, as I am in the market for a farm where corn, clover, potatoes, cattle and hogs are profitably grown, and where there is no malaria."

Mrs. Alberta A. Davison, Bagdad, via Stag P. O., Calif., is interested in Arkansas and asks for a state map.

Melvin Kobe, 916 West Sixth and B streets, Port Angeles, Wash., writes, "Please send me literature descriptive of your state which would be of interest to homeseekers."

Wm. Thomas, Box 387, Haynesville, La., who has received information about the state, says "I am thinking of locating in Arkansas and want to learn all I can about the soil."

J. L. Brown, Box 683, Clayton, N. M., desires to establish a pecan farm in this state, and will appreciate any literature regarding soil, land and agricultural conditions.

A complete line of literature has been sent A. J. Amundson, New Auburn, Wis., who is thinking of starting an orchard in the foothills of the Ozarks.

Fred Harker, care postmaster, Madrid, Iowa, once lived in Arkansas and wants to come back. He likes the north Arkansas country and would like to locate where there would be a chance to get employment when he was not busy on the farm.

Mrs. F. R. Fossmire, Mission, Texas,

writes that after three years in the Rio Grande country she and her husband are ready to go back to Iowa or move to Arkansas which state she thinks has some advantages over Iowa, in that the climate is better, and over Texas, in that it is not so difficult here to make a living. "Farming in Texas costs more than any place I ever heard of," she says. "We lost all we brought with us and went in debt besides." Mr. Fossmire is an automobile mechanic. They want to rent a farm near some good town and get a new start.

B. F. Smith, Box 51, Daisetta, Texas, asks about state land.

H. O. Wilson, 6½ East Chambers St., Cleburne, Texas, is an ex-service man who would like to homestead a farm in Arkansas.

J. A. Vandegriff, Ramah, Colo., wants information about Scott county.

R. D. Bell, 1140 Twenty-sixth St., Des Moines, Ia., is looking for two sections of land in the Ozarks in one body for a colony of 15 families.

M. L. Stovall, Musselshell, Mont., is thinking of coming to Arkansas.

Thos. Orloski, Meriden, Conn., is looking for some good land in Arkansas.

Emil Guggisburg, Burns, Kansas, is thinking of coming to Arkansas.

James F. Flynn, Carrier 51, St. Joseph, Mo., writes for information regarding the country about Little Rock.

Harry Fisher, 2806 University St., St. Louis, Mo., asks about Southeast Arkansas.

Geo. B. Chapman, 4313 Cottage Grove Ave., Chicago, writes for information about the state.

Perry Elliott, R. 1, Camden, Mo., writes for maps and prices of Arkansas land.

Jack Thomman, 723 N. Buffalo St., Cleburne, Texas, is an ex-soldier who wants to move to Arkansas.

Ire C. Engle, 3135 N. Racine Ave., Chicago, Ill., is looking for a farm.

W. D. Hibbler, Room 316, Exchange Bldg., South St. Joseph, Mo., is interested in fruit growing.

Walter Anglin, Woolwine, Virginia, wants to buy a level, bottom land farm, above overflow in the mountain section of Arkansas.

B. F. Steed, General Delivery, Cisco, Tex., inquires about Washington County, he wants a farm near town with some fruit and timber, convenient to a stream where there is good fishing and hunting.

George Steinbach, R. 1, Salisbury, Mo., says he is coming down to Arkansas in July or August to buy a farm and asks for prices.

J. A. Johnson, Sullivan Bldg., Hardin, Mont., has been sent literature about Arkansas.

A. B. Mudge, 307 South Hamilton Ave., Chicago, Ill., says he is interested in Arkansas and expects to settle on a small farm somewhere in the state.

J. A. Crane, Pomona, Calif., is

planning a trip to Arkansas and asks for a state map.

J. W. Kelley, 202 West Spring St., Booneville, Mo., has a cattle and wheat farm in western North Dakota that he would like to trade for land in Arkansas.

J. F. McKinzie, Deval, Okla., says he has heard a great deal about the country around Mineral Springs and he thinks he would like to locate there or in a similar country. The water is bad where he lives and they have too many sand storms, blizzards and cyclones. "I was raised in Alabama," he says, "where the sparkling water gushed from under the bluffs, cold and sweet, and I long for that good water again and for a country where I can see the tall trees wave, and above all where I can raise all my fruit and vegetables." Mr. McKinzie wants 40 or 60 acres of good land, well improved, with a family orchard, where he could keep a few cows and pigs and some chickens, and where there would be a market for the things that he would raise. A healthy location is the first consideration. He has about \$4,000 to invest and wants the best values he can get.

M. J. Johnson, Galt, Calif., is thinking of coming to Arkansas and wants all the information he can get about the state.

A. Y. Pratt, Hartzell Flat 4, Cape Girardeau, Mo., is looking for homestead land.

W. S. Telfer, Elroy, Wis., asks for literature concerning farming and mining opportunities in Arkansas.

Irtle L. Martin, R. 2, Box 51, Moran, Texas, wants to locate in northwest Arkansas. He would be interested in a small farm that could be bought on terms.

FARMS FOR SALE

Fruit and berry farm—20 acres one mile from town; eight acres in fruit trees, one in berries; a box house, chicken house; well, two good springs; hog pasture, pasture land cleared; wire fence all around; nice place to live; price \$525. D. W. Loudonback, Ola, Ark.

Perry county farm—287 acres first and second bottom land, 200 acres in cultivation, balance in oak and pine timber; 6-room house, five tenant houses, one barn 50x50 feet, several good out buildings; 6 wells; adjacent to mountain range; one-quarter mile from school and church. Price \$30 an acre, attractive terms. J. E. Neale, Aplin, Ark.

One Hundred Twenty Acres of flat timbered land; three miles from Springtown, five miles to Gentry, eight miles to Siloam Springs. Fine orchard and berry land; one mile to school. P. A. Butler, Route 3, Gentry, Ark.

Sevier County Farms—40 acres unimproved, on public road, \$400; 80 acres, about 25 cleared, on public road, fine springs of soft water, orchard, no buildings, \$1,000; 160 acres, 30 cleared, orchard, springs, near school, on rural route, \$2,000; possession and crop. In good strawberry section. None of above farms more than four miles of Gillham. Attractive terms. G. W. Sullivan, Route 3, DeQueen, Ark.

Lincoln County Farm—160 acres, situated six miles southwest of Star City; 40 acres in cultivation; 60 to 70 acres under fence; the rest in oak, gum and hickory; about one-half creek and branch bottom. One six-room and one four-room house, two barns, ¾-mile to church, store and school; ¾-mile to pike road; good prospects for oil; fine community and good neighbors. Price, \$2,700 cash. V. O. Pernell, Rest, Arkansas.

Ashley County Farm—Eighty-three acre farm two miles from county seat on public highway, rural telephone line and R. F. D. 5. Part sandy loam,

part creek bottom land; about 30 acres in high state of cultivation. Good five-room house; small barn; well of soft water; large family orchard; all trees bearing; fine free cattle and hog range; would make a truck and poultry farm; close to good local markets and shipping points. Price \$17.50 per acre. J. E. Ralph, Route No. 4, Hamburg, Arkansas.

Northwest Arkansas—One hundred and sixty acres, pretty location for building; near river; land will raise anything; plenty of hunting and fishing; good farms all around; good roads and schools. D. R. Holt, Route No. 1, Box 75, Rhea, Arkansas.

Fruit Farm in the Ozarks—One hundred twenty acres, two miles from railroad and shipping point. Nearly all fenced and cross fenced with woven wire. Forty acres cleared; 750 bearing fruit trees, commercial varieties, consisting of about 350 peach, 350 apple, and about 50 other fruits; 90 bearing grape vines and some tame blackberries; 2,200 apple grafts; 1,500 peach seedlings and 700 grape cuttings in nursery. Three-room house, large barn and outbuildings; three everlasting springs. Price, \$20.00 per acre for quick sale. W. H. Cox, Hilltop Route, Harrison, Arkansas.

Farm on Strawberry river — 190 acres; four-room house; good barns; on public road; water; 700 rods woven wire; 55 acres cultivated; nine in clover and timothy, three in alfalfa; price, \$12 an acre; would exchange for land in central part of state. Lacy L. Holt, Poughkeepsie, Arkansas.

Good all around farm—117 acres; 50 under cultivation, balance timber; good house, barn and outbuildings; well fenced with wire; well watered with well and springs; churches and school house near by; six miles from Bald Knob, seven from Judsonia. Price, \$50 per acre. P. H. Lauks, Bald Knob, Arkansas.

Washington County Farm — 120 acres, about 80 in cultivation; eight or

ten acres in apple orchard. Several acres of grass and clover; three-room house, hall and porch; barn and other outbuildings; fine spring of everlasting water; two-room spring house; one mile of one school, one and one-half miles of another school and two and a half miles of high school; on mail route; in Northwest Arkansas, Washington county. Elkins is the nearest railroad town, two and one-half miles. Land is level and easily worked. Some good timber; lots of wild fruits; some peaches, pears, plum trees and small cherry orchard; would make fine fruit, stock, dairy or poultry farm; price, \$6500. S. L. Exum, Sulphur City, Arkansas.

Five thousand acres—Farm, forest and fruit lands near Arkadelphia, college town. On the Pike Highway; 15 minutes drive from town; suitable for colonization; variety of soils including alluvial valley loam and red table pebble land; sloping to broken upland; the best orchard, berry and truck land of the state; two miles of beautiful Caddo river frontage, crystal waters; 400 acres now cultivated. Fine young forest timber, with oil, gas and mineral prospects. P. O. Box 354, Little Rock, Arkansas.

Union County—Three hundred acres land in fee with wells drilling all round and closer than one mile. Over 200 wells now drilling in this county. Level valley and sloping uplands. One mile from Junction City, on public highway. Will sell half interest in fee with oil rights. Land a few miles north selling for \$1,000 to \$5,000 per acre. Address Box No. 354, Little Rock, Arkansas.

One Hundred Acres—Sixty-five in cultivation, balance in meadow, timber and pasture; nice six-room house, good barn, tool house, chicken house, outbuildings; two good wells; good apple orchard, grapes, peaches, berries, etc.; good roads; close to small town; in the Greasy Valley of Southern Van Buren County; \$4,000 gets it. Ant Rogers, Bee Branch, Arkansas.

W. E. Hitchcock has been elected mayor of Norfolk and will give all of the time necessary to help new people to get located in that community.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

CATTLE.

Will exchange two well bred registered Holstein bulls for pure bred Duroc Jersey hogs or for White Plymouth Rock chickens. A. C. Jorns, Carlisle, Ark.

Holstein bull for sale or exchange. S. W. Bennett, Bergman, Ark.

Eighty head graded Herefords, white face, mixed cows, yearlings and steers. Cattle on Pulaski Heights, care Jesse Henry, Twenty-third and Arch streets, Little Rock; been on feed three months. Dr. L. E. Love, Dardanelle, Ark.

Pure bred Guernsey bull. Albert Zimmerman, Carlisle, Ark.

Shorthorn bull, 2½ years. Price, \$75. Lee Lenon, Conway, Ark.

Shorthorn cows and heifers. J. M. Putman & Sons, Pea Ridge, Ark.

Shorthorn bull, 18 months old, \$100. Charlie Henderson, Centerton, Ark.

One registered Jersey Bull, two years old. Byron W. Butler, Malvern, Ark.

Holstein bull calf, born March 15. Nearly all white, a fine individual; sire Prince Prescott No. 285,727 of Prince Segis breeding. For further particulars write H. N. Renfro, Avoca, Ark.

Two high grade Holstein bull calves, price \$30.00 each. W. W. Stewart, Route 1, Chismville, Arkansas.

Two fine Jersey bull yearlings, \$100 each. L. W. Forbes, Hackett, Arkansas.

Jersey bull ready for service. Lee Lenon, Conway, Arkansas.

Pure bred Shorthorn heifer. A. W. Milling, County Agent, Van Buren, Arkansas.

Good Holstein bull. W. D. Ferguson, Pine Bluff, Arkansas.

CATTLE—WANTED.

Jersey bull ready for service. Lee Lenon, Conway, Ark.

Pure bred Shorthorn heifer. A. W. Milling, VanBuren, Ark.

Good Holstein bull. W. D. Ferguson, Pine Bluff, Ark.

HOGS.

Three big type Poland China gilt pigs 12 weeks old, extra choice and out of a litter of 13; \$10 each or all three to the same address for \$25; pedigrees furnished. Also a choice boar 10 months old \$25 all f. o. b. L. L. Holt, Poughkeepsie, Arkansas.

Duroc Boar—Gano Orion, No. 383109; one sow—McKay's Pathfinder Lady, No. 995618, with four pigs, three females and one male. These pigs are not related to Gano Orion. Price & McKay, Mammoth Springs, Arkansas.

Duroc-Jersey Hogs, registered pigs, either sex; eight weeks old, \$10, \$12.50 and \$15. Also one herd boar, \$60. L. W. Owens, Route 2, Bingen, Arkansas.

Registered Hampshires herd boars, tried sows, bred gilts, open gilts and pigs; all registered. Forrest P. Owens, Route 2, Bingen, Arkansas.

Few Hampshire hogs. C. A. Overstreet, Magnolia, Arkansas.

Pure bred Duroc pigs. Wm. Hocott, Route 6, Little Rock, Arkansas.

Duroc Jersey gilt, eight months old, \$25. L. J. Thomas, Alexander, Arkansas.

Duroc Jersey pigs, \$10 each. Chas. A. Overstreet, Magnolia, Arkansas.

Poland China gilts and boars, seven to eight months old. Robinson Poultry Farm, Gravette, Arkansas.

Poland China boar, two years old, \$40. J. E. Brown, College, Siloam Springs, Arkansas.

A few choice Poland China pigs, three to four months old, \$20 each; one boar pig about four months old, a real good one, \$35 for quick sale; will sell on approval. Shipman Bros., Leslie, Arkansas.

Two registered Poland China boars, good growth, big bone. Bryon W. Butler, County Agent, Malvern, Arkansas.

Registered Duroc Jersey pigs now ready for shipment; my prices are in line with the times; can furnish papers on them in purchasers' name. T. J. Dooly, Stafford, Arkansas.

Three bred Duroc Jersey gilts and one large male, registered. Miss Augusta Thoe, Marche, Arkansas.

One registered Tamworth boar. W. H. Rust, Hazen, Arkansas.

Two registered Poland China boars, good growth, big bone. Byron W. Butler, County Agent, Malvern, Arkansas.

HOGS WANTED.

Pure bred Poland China pigs for club boys. Bryon W. Butler, County Agent, Malvern, Arkansas.

Poland China pigs for club boys. Sam Williams, County Agent, Murfreesboro, Arkansas.

We are in the market for O. I. C. pigs. Cook Orchard Co., Fayetteville, Ark.

Pure bred Poland China pigs for club boys. Byron W. Butler, County Agent, Malvern, Arkansas.

Poland China pigs for club boys. Sam Williams, County Agent, Murfreesboro, Arkansas.

SHEEP AND GOATS.

Registered Shropshire and Cotswold sheep. J. M. Putman & Sons, Pea Ridge, Arkansas.

Nubian grade nannies with 50% Nubian buck kid at side, \$15 pair; all kids are sired by Gene, pure Nubian buck, registered in I. N. B. A. No. 1113. Gene's dam gave in nine months 1,753 pounds of milk. C. J. Kemp, Monticello, Arkansas.

One-year-old Shropshire buck for sale. Warren Johnson, Mayfield, Arkansas.

POULTRY—FOR SALE.

Pure bred Rose comb Rhode Island eggs, \$1.50 for 15 Mrs. Fannie Weide, Gravette, Arkansas.

Buff Orpingtons and Silver Laced Wyandottes. L. W. Forbes, Hackett, Arkansas.

Six White Wyandotte utility cockerels, \$3 each. E. J. Eaton, Blytheville, Arkansas.

Ancona eggs, \$2.00 for 15. Ancona chickens. O. L. & N. L. White, Chismville, Arkansas.

S. C. B. Leghorn hens, laying, \$2 each. Eggs, \$1.50 for 16; \$6 for 100. C. J. Kemp, Monticello, Arkansas.

Two pair Pea Fowls, \$40 a pair; two years old. L. W. Forbes, Hackett, Arkansas.

Indian Runner ducks and African geese. L. W. Forbes, Hackett, Arkansas.

Barred Plymouth Rock eggs, \$1 for 15. Chinese goose eggs, \$2.50 for seven. Will exchange either for white Spanish or large red peanuts, oats, corn, wheat or cane seed; or, will exchange one setting for Rhode Island Reds. Mrs. Henry Paysinger, Evening Shade, Arkansas.

PET STOCK.

Pure bred New Zealand rabbits, six to ten weeks old, \$1 each; seven to eight months old, \$1.50 each f. o. b. Mrs. Fanny Weide, Gravette, Arkansas.

SEEDS AND PLANTS—FOR SALE

Two hundred bushels Spotted Burr clover seed in the rough, \$1 per measured bushel. W. C. Graydon, Danville, Arkansas.

Ten tons pure Rhea's Wonder, long staple cotton seed, \$60 ton. Three tons pure Haag, long staple, \$60 ton. Forty tons Little Mixed Wannamaker, short staple, \$45 ton. J. L. Tully & Son, Fry's Mill, Arkansas.

One thousand bushels Whippoorwill peas. Robert Smith, Arkadelphia, Arkansas.

Fifty bushels Early Amber and Honey Drip Sorghum seed. Lambert Bros. & Co., Holly Grove, Arkansas.

Genuine "Golden" (German) Millet seed. Steele Kennedy, Heber Springs, Arkansas.

Car of sunflower seed. J. W. Pendry, Toledo, Iowa.

Car of Whippoorwill peas at \$2.25 per bushel, f. o. b. Russellville. G. E. Warren, Russellville, Arkansas.

Mexican June seed corn, \$3 per bushel. Texas Seeded Ribbon Cane, \$2.50 per bushel. Buntin Bros., Route 5, Starkville, Mississippi.

Orange and Silver Drip cane seed, 30 bushels, at \$1.50 a bushel. Warren Johnson, Mayfield, Arkansas.

Honey Drip cane seed, \$2 per bushel f. o. b. H. R. Station. L. W. Owens, Route 2, Bingen, Arkansas.

Pure strains Trice, Triumph and Express No 350 cotton seed. High germination guaranteed. Price, \$100 per ton f. o. b. Burdette. Burdette Plantation, Burdette, Arkansas.

Several thousand potato slips for June plantings. Key West and Nancy Hall varieties; 20c per 100. S. D. Fulton, Route No. 1, Box 130, Arkadelphia, Arkansas.

Choice Alfalfa seed, Dakota 12, \$35 cwt. Genuine Grimm, \$55 cwt., f. o. b. Brookings. E. C. Clark, care Geo. P. Sexauer & Son, Brookings, S. D.

Two hundred bushels 90-day Speckled seed beans, velvet, in new two-bushel bags, \$1.25 f. o. b. Cordele. J. M. Diffe, Cordele, Georgia.

Early Speckled Velvet Beans, in pods, in car lots. E. P. McCree, County Agent, Ocilla, Georgia.

Cowpeas, 80 bushels of good clean mixed clays and whips. No weevils, new crop, satisfaction guaranteed; \$2.50 per bu., f. o. b. Linden, Texas. A. B. Henderson, Douglasville, Texas.

Early speckled velvet beans, \$1.25 a bushel; Osceola Stringless, \$2 a bushel; mixed cow peas, \$3 a bushel; new crop, choice stock, car lot or less. D. A. Burch Co., Chester, Ga.

SEED—WANTED.

Five bushels seed peanuts. Joe Bell, Route No. 1, Alexander, Arkansas.

Lookout Mountain seed potatoes. W. C. Graydon, Danville, Arkansas.

Cow Peas and Soy Beans. Neosho Nurseries Co., Neosho, Mo.

Five bushels seed peanuts. Joe Bell, Route 1, Alexander, Arkansas.

Fifty bushels Early Amber and Honey Drip Sorghum seed. Lambert Bros. & Co., Holly Grove, Arkansas.

Genuine "Golden" (German) millet seed. Steele Kennedy, County Agent, Heber Springs, Arkansas.

Car Sunflower seed. J. W. Pendry, County Agent, Toledo, Iowa.

Fulghum oats, winter turf oats, winter barley, Abruzzi rye and burr clover. Ft. Smith Seed Co., Ft. Smith, Ark.

Cowpeas and soy beans. Neosho Nurseries Co., Neosho, Missouri.

MISCELLANEOUS.

Four thousand bales hay, \$18 a ton f. o. b. Arkadelphia. Robert Smith, County Agent, Arkadelphia, Arkansas.

Five thousand bushels good corn in ear. Byron W. Butler, County Agent, Malvern, Arkansas.

Two hundred tons lespedeza hay. Byron W. Butler, County Agent, Malvern, Arkansas.

Dried Apples—I will send you by parcel postage paid or express paid 25 pounds dried apples for \$3.75, 50 pounds for \$7.00. Made from ripe ap-

ples last fall and are good. Bern Carlock, Springdale, Arkansas.

For sale or exchange for cattle one 10 h. p. Mogul stationary and international engine with grit mill and crusher, belts, pulleys, etc.; good as new. Price, \$500. J. E. Neale, Aplin, Arkansas.

Fourteen tons low grade cowpea and grass cheap. Will have new prairie hay about June 1; eight cars prairie hay now. W. H. Rust, Hazen, Arkansas.

Two thousand bushels good corn, at Wyatt, Mo., or Bird's Mill, Mo. R. R. Jackson, Poultry Farm, University of Iowa, Ames, Iowa.

CLUB AND COMMUNITY FEARS.

Exhibition under the auspices of the farm demonstration workers and boys' and girls' club members will be held in the following counties on dates later to be decided, the arrangements in each instance being in charge of the local county agent of the Extension Division, College of Agriculture, University of Arkansas, the U. S. Department of Agriculture co-operating.

Ashley—B. F. Fearing, Hamburg.

Boone—B. A. Spradlin, Harrison.

Benton—E. W. Smith, Bentonville.

Columbia—C. A. Overstreet, Magnolia.

Conway—J. L. Phillips, Morrilton.

Crawford—A. W. Milling, Van Buren.

Crittenden—E. S. Barrentine, Earle.

Cross—A. P. Reynolds, Wynne.

Clark—Robt. Smith, Arkadelphia.

Clay—Carl E. Webb, Corning.

Craighead—W. T. McKell, Jonesboro.

Carroll—B. F. Greer, Eureka Springs.

Cleburne—Steele Kennedy, Heber Springs.

Chicot—H. P. Wood, Lake Village.

Drew—K. V. Both, Monticello.

Desha—H. A. McPherson, McGehee.

Faulkner—T. M. Williams, Conway.

Fulton—J. S. Roady, Salem.

Garland—A. L. Watkins, Hot Springs.

Hempstead—W. Homer Pigg, Hope.

Hot Springs—Byron W. Butler, Malvern.

Independence—J. B. Daniels, Batesville.

Johnson—M. Sullivan, Clarksville.

Lafayette—O. L. Henderson, Louisville.

Little River—Geo. M. Johnston, Ashdown.

Lonoke—S. T. Button.

Lee—E. B. Whittaker, Marianna.

Lincoln—W. A. Trussell, Star City.

Logan—M. C. Ferguson, Paris; C. S. Johnson, Booneville.

Mississippi—S. D. Carpenter, Osceola; F. H. Whittaker, Blytheville.

Monroe—L. E. Howard, Clarendon.

Marion—M. D. Setzler, Yellville.

Phillips—J. L. Cherry, Helena.

Pulaski—J. W. Sargent, Little Rock.

Poinsett—W. A. Owens, Harrisburg.

Pike—Sam Williams, Murfreesboro.

Polk—C. W. Broyles, Mena.

Scott—E. F. B. Sargent, Waldron.

Sebastian—J. H. Geyer, Greenwood; C. M. Tuggle, Ft. Smith.

St. Francis—T. W. Bailey, Forrest City.

Searcy—I. J. Heath, Marshall.

Sevier—Glenn F. Wallace, DeQueen.

Washington—M. W. Muldrow, Fayetteville.

Woodruff—J. E. Critz, McCrory.

NEGRO SECTION

Columbia—Carl H. Ellis, Magnolia.

Conway—J. D. Rice, Plummerville.

Chicot—T. D. Spears, Lake Village.

Lee—R. E. Brvant, Marianna.

Little River—B. H. Bennett, Ashdown.

Pulaski—John J. Harris, Little Rock.

Phillips—Wm. Harris, Helena.

St. Francis—Hilory B. Mitchell, Forrest City.

JAN 28 1922

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Postoffice at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 3 No. 7

LITTLE ROCK, ARKANSAS

July, 1921

Southwest Arkansas with Six Hundred Cars of Peaches will Save State's Fame in Off-year for Fruit

THIS is an off year for peaches in Arkansas, a state that ordinarily stands fourth in the production of this excellent fruit, but even in an off year Arkansas will have a considerable crop for which it expects to get a handsome price. The peaches that will be marketed this year will come from Southwest Arkansas, mostly from the big Johnson orchard at Highland, where careful attention, frequent spraying and careful management has made a fifth of a crop despite the unfavorable season.

The early peaches began to move to market the first of June and the Elberta shipments will start arriving July 1. In discussing the condition of the crop Chas. S. Bonton of Arkansas Co-operation Crop Reporting Service, after a visit to the peach belt, says:

The prospects for Arkansas' 1921 peach crop have declined from 40 per cent on May 1 to 20 per cent on July 1. The present prospects are for 675 cars. Frost injury, at first thought to be light in Southwest Arkansas, was yet severe enough to cause heavy dropping in May in this district.

The commercial peach crop of the State this year is practically confined to Southwest Arkansas. The Arkansas Valley, west of Little Rock, which could produce 1,500 carloads with a full crop, will not have over 25 cars, or less than a two per cent commercial crop.

Six hundred bushels of Red Bird Clings were shipped from Highland early in June, bringing \$3.15 per bushel net to the growers. The movement in other early varieties has been almost negligible.

Express shipment of Elbertas from Drew County are now being made.

Some shipments will be made from Pike and Howard Counties the first week in July, but the real movement of good stock will begin the second week.

At present the quality of stock is reported very good, but on unsprayed orchards under the present conditions of much heat and moisture, mildew and brown rot are almost certain to develop. Well-sprayed stock should command good prices.

The El Dorado territory may consume a large part of its own production, as will also the Little Rock territory, but Howard and Pike Counties should have between 550 and 600 cars for shipment.

WHEN THE CROP IS SHORT AND PRICES ARE HIGH IT'S THE WELL CULTIVATED, WELL-SPRAYED ORCHARD THAT PAYS



Arkansas Ranks Fourth Among States in the Production of Peaches

(U. S. Census Report, 1920)

The production of peaches in the United States in 1919 was 51,551,251 bushels, as against 35,470,276 bushels in 1909. The increase in production between 1909 and 1919 amounted to 16,080,975 bushels, or 45.3 per cent. The average production per tree in 1919 was 0.8 bushel, as compared with 0.4 bushel in 1909. The states reporting the largest production of peaches in 1919 were California, with 15,969,073 bushels; Texas, with 4,848,129 bushels; Georgia, with 4,788,718 bushels; Arkansas, with 3,340,823 bushels; and Oklahoma, with 2,947,973 bushels. Following is a report of the number of bearing trees and production for 18 leading states:

STATE	No. of bearing trees, 1920	Bushels Produced, 1919
California	9,057,760	15,696,073
Georgia	8,655,051	4,788,718
Texas	4,461,211	2,842,129
Arkansas	3,340,823	3,342,387
Pennsylvania	3,556,417	1,249,599
New York	3,038,023	1,262,480
Ohio	2,924,177	617,537
Oklahoma	2,881,073	2,947,973
Missouri	2,358,548	1,262,723
Tennessee	2,349,656	1,285,441
West Virginia	2,049,862	706,411
Michigan	2,029,839	911,798
North Carolina	1,976,756	479,218
New Jersey	1,936,632	1,653,223
Virginia	1,578,253	681,528
Kentucky	1,671,044	459,681
Alabama	1,544,700	1,083,142
Illinois	1,006,914	456,651

The following schedule of prospective Elberta shipments has been compiled from reports of growers:

Monticello — 2,000 bushels, June 27.

Star City — 1,000 bushels, July 1.

El Dorado — 20 cars, July 4.

McNeil — L. C. L. shipments, July 2.

Magnolia — L. C. L. shipments, July 2.

Stamps — 500 bushels, July 2.

Lewisville — 500 bushels, July 3.

Hope — One car, July 5.

Mineral Springs — Five cars, July 6.

Nashville — 50 cars, July 6.

Lockesburg — Five cars, July 6.

Horatio — 15 cars, July 6.

De Queen — 10 cars, July 6.

Highland — 485 cars, July 4 to 10.

Pike County — 35 cars, July 4 to 10.

Amity — 20 cars, July 4 to 10.

Rosboro — Four cars, July 4 to 10.

Chidester — Five cars, July 4.

Hackett — Five cars, July 15.

Charleston — Three cars, July 15.

Alma — Five cars, July 15.

Mulberry — Two cars, July 15.

London — Two cars, July 12.

Morrilton — Four cars, July 12.

Dardanelle — L. C. L., July 12.

Centerville — L. C. L., July 12.

Tumer Wright, agent for Arkansas of the U. S. Bureau of Markets, makes the following plea for careful grading and guaranteed quality:

"Standardization and a guarantee of quality will be the keynote in continued successful marketing even though the yield will be much lower than was anticipated a few weeks ago. Buyers are inclined to be more discriminating now than they were during the years when the general trend of prices of all commodities was upward. Consumers, likewise, are likely to be more critical than heretofore when making purchases and to more readily substitute other products, such as cantaloupes, of which there is an increased acreage this year.

"The shipping of a few inferior peaches this year in the packages with No. 1 stock, even though prices may seem remunerative, will have a tendency to discredit the product of the state even though a high percentage of the shipments from the state may be packed in first class condition. Careful handling, grading, and packing in all of the producing sections, therefore, are essential for the continued development of the markets in which our growers must depend."

ARKANSAS FARM AND MARKETING BULLETIN

PUBLISHED MONTHLY BY THE
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

FARMOGRAMS

A course in cotton classing and grading will be given during the summer session of the College of Agriculture, University of Arkansas, Fayetteville. The official cotton standards of the United States Department of Agriculture will be used. The course will consist of lectures, reference study and practice in classing and stapling. Market reports, statistics, and other information relative to cotton grading, classing and selling will be available to students.

"The seasons are changing; we do not have the cold weather we did when I was a boy." Remarks similar to this are frequently heard by representatives of the Weather Bureau, United States Department of Agriculture, but reports on the weather dating as far back as 1780 shows that there has been no radical change in the mean temperature from year to year.

To determine whether a piece of oak belongs to the white or red oak group, the end of the piece is cut smoothly with a sharp knife across several growth rings of average width. With the aid of the hand lens the small pores in the dead summerwood are examined. If the pores in this part of the growth ring are plainly visible as minute, rounded openings, and are not so crowded but that they can readily be counted, the wood belongs to the red oak group. If the pores in the summerwood are very small, somewhat angular, and so numerous that it would be exceedingly difficult to count them, the wood belongs to the white oak group.

Of the 22,030 miles of Federal aid roads which have been built or are now under construction, more than two-thirds are earth roads, sand-clay, or gravel, says the chief of the Bureau of Public Roads, United States Department of Agriculture. These have cost less than one-third of the total amount expended as compared with nearly 50 per cent of the estimated cost applied to 4,890 miles of hard-surfaced roads. A study of local conditions by an engineer of the bureau is necessary before a road project may receive Federal aid.

Forest fires in the United States annually destroy more than 2,000,000,000 feet of timber, or material enough to build a 5-room frame house every 100 feet on both sides of a road extending from New York to Chicago, according to the Forest Service, United States Department of Agriculture. With four people to a house, these 100,000 or more buildings would provide a home for nearly one-fourth our yearly increase in population, a number sufficient to populate a new city each year the size of Cincinnati, New Orleans, Minneapolis, Kansas City, Mo., or Seattle.

The recent Arkansas Legislature passed a law to regulate the selling or offering for sale of agricultural seeds, and providing for inspection and analysis of the same. According to the act, every lot of agricultural seed when in bulk, packages, or containers of ten pounds or more, shall have fixed thereto a printed tag or label showing the common name or such seed, name of the State where the seed was grown, the approximate percentage by weight of purity, approximate total of percentage by weight of weed or bulblet, the approximate percentage of germination of such agricultural seeds, together with the full name and address of the vendor of such seeds. Provision is also made for the inspection, sampling and testing of the seeds.

LABOR COST ARKANSAS FARMERS \$13,207,550 IN 1919.

In 1919 the farmers of Arkansas expended for labor \$12,068,268 in cash and \$1,139,282 in rent and board, a total of \$13,207,550 as compared with \$7,654,571 in 1909. This increase of nearly 100 per cent was due in large part, says the U. S. Census Report, to the high wages paid for farm labor in 1919.

JAPS FIND NEW WAY OF MAKING ALUMINUM.

An important discovery, a new method of extracting aluminum from a certain mineral, is the result of the investigations which have been carried on by the Japanese Government experiment station on the production of aluminum and its compounds. A great refinery plant driven by electric power will be established at Yoyogi. A project is under contemplation to establish a semigovernmental company for the manufacture of aluminum by the new method, which consists in the electrical analysis of ore by Korean alum and other materials and enables the production of more than 99 per cent of aluminum.—U. S. Consular Reports.

BIG YEAR FOR STRAWBERRY GROWERS IN WHITE COUNTY.

J. A. Bauer, the well known strawberry grower of Judsonia, sends the Bulletin the following interesting account of his experience the last two years with strawberries:

In the fall of 1919 I bought 80 acres of timbered land; cleared and plowed same and the next spring dug plants of my own growing and set the 28-acre block to Aroma strawberries. I then built a house, barn, and that fall two packing houses for berry picking. The spring of 1920 I cleared over all expenses \$7,000.00. After I had taken off this crop I worked out berries again good, and kept them well worked up to September 1st last, and this spring my profits from this 28-acre block was \$6,775.75, making 247 per cent off my investment in two years, as the cost of lands with all improvements was \$4,500.00. I am now working this berry patch out, and expect as much or more next spring from it in profits as in the past two years. My

own case is just one of many in this section in White County alone. We sold over \$1,500,000 worth of strawberries this spring; so you can see what berries do for this section of the country. It brings money into same when it is needed more than any other time. What I have done others can do. It requires good plants and good land and you'll get a big profit from your investment. The prices have been fine for three years in succession and will be for some time to come, for the demand is greater than the supply.

WHAT CENSUS REPORT SHOWS ABOUT PURE-BREDS IN ARKANSAS.

While Arkansas has made progress in grading up its livestock, yet the state has a long way to go before it reaches the goal attained by farmers in the old sections of the country. The latest census report shows that only 15,474 farms out of the 234,000 in Arkansas have purebred livestock of any kind and that the total number of animals, including horses, is only 60,737. The census summary of purebred animals of each breed follows:

CATTLE—BEEF BREEDS.

Aberteen Angus	893
Devon	60
Galloway	61
Hereford	1,726
Polled Durham	1,388
Shorthorn	2,128
All other	280
Total	6,536

CATTLE—DAIRY BREEDS.

Guernsey	19
Holstein	2,001
Jersey	4,627
All other	303
Total	6,950

SWINE.

Berkshire	399
Chester White	1,085
Duroc Jersey	23,886
Essex	100
Hampshire	1,036
Poland China	18,155
Spotted Polands	259
Tamworth	121
All other	986
Total	40,000

SHEEP.

Hampshire Down	82
Merino	45
Oxford	35
Rambouillet	59
Shropshire	293
Southdown	21
All other	261
Total	799

HORSES.

American Saddle	18
Belgian	6
German coach	10
Hackney	5
Percheron	97
Standard bred	11
All other	157
Total	304

The census takers were required to find out the sex of all pure bred animals, and as a result some useful and interesting information was brought to light. For example, on 2,203 farms where 4,627 purebred Jerseys are kept, 493 farms report bulls while 1,935 farms report cows. It is clearly evident from these figures that we need more purebred bulls to cross on our common cows. One bull in a community will stamp his qualities on 30 or 40 calves each year, while a cow will stamp her qualities on only one calf. Therefore the only practical way to breed up the common stock of the country is to use good bulls. We should have more of them in Arkansas and statistics ought not to be necessary to convince us of this need.

Millers Tell How to Use Rice By-Products in Feed Mixtures

In the last issue of The Bulletin several formulas were given for making use of whole and group rice in the mixture of stock feeds. The Associated Rice Millers of America, to encourage a wider use of rice by-products, have published an interesting Ration Chart showing the place of milled or brewers' rice meal in the feed ration of poultry, cattle and work animals.

DAIRY CATTLE FEED FOR USE WITH LEGUMINOUS ROUGHAGE.

Clover, cowpeas or velvet bean hay	15 lbs.
Cotton seed meal	2 lbs.
Blackstrap molasses	4 lbs.
Milled or brewers' rice meal	8 lbs.

DAIRY RATION FOR USE WITH CORN SILAGE AND LEGUME HAY.

Corn silage	30 lbs.
Legume hay	5 lbs.
Milled or brewers' rice meal	7 lbs.
Rice bran	2 lbs.
Cotton seed meal	4 lbs.
Blackstrap molasses	2 lbs.

DAIRY RATION FOR USE WITH SILAGE AND FODDER.

Corn silage	30 lbs.
Corn stover	10 lbs.
Milled or brewers' rice meal	6 lbs.
Rice bran	3 lbs.
Linseed meal	3 lbs.
Cotton seed meal	3 lbs.

Arkansas Ranks Fifth Among States in the Production of Apples

In the United States there were in 1920 115,265,029 apple trees producing in 1919 136,746,154 bushels of fruit. The rank of the leading apple states is as follows:

STATE	Bushels Produced, 1919	No. of bearing trees, 1920
Washington	21,568,691	7,964,167
New York	14,350,317	9,636,698
Virginia	8,942,520	7,385,277
California	7,842,017	3,128,386
Arkansas	7,163,619	4,074,870
Oregon	6,921,284	3,315,093
Michigan	5,834,067	5,583,326
Pennsylvania	5,556,138	6,981,128
Missouri	5,132,109	5,162,859
Maine	4,829,346	2,833,304
Illinois	4,787,383	5,112,866
West Virginia	4,189,162	5,554,731
Idaho	3,645,640	2,380,523
Colorado	3,417,682	1,777,737
Ohio	2,976,436	5,970,410
Massachusetts	3,187,211	1,218,870

Homeseekers Who Want to Buy Arkansas Farms

Sergeant Earl L. Moss, Second Medical Regiment, Camp Travis, Texas, will soon be discharged from the army, after which he wants to locate on homestead land in Arkansas.

Herbert Fitch, Mt. Vernon, Ohio, is interested in timber and mineral lands in Boone, Searcy and Newton counties. He asks for a map and information about these counties.

Mrs. Anna Reed, Hoxie, Kan., who has some investments in Arkansas, is interested in Carroll county land.

M. J. Johnson of Galt, Calif., wants to locate on a little piece of land in the Ozark region of Arkansas.

"I am thinking about buying a farm in Arkansas," writes B. C. Carroll, 32011 St., Toledo, Ohio. He requests a list of farms for sale.

Frank Bertsch, R. 1, Salisbury, Mo., writes for map and description of Arkansas.

Arthur E. Post, 1716 Campbell St., Kansas City, Mo., wants to locate on a small farm in Arkansas. He wants information about the soil and climate.

"I am interested in the possibilities of your state," writes J. H. Idlings, 3721 Dawson St., Pittsburgh, Pa., who is particularly interested in Jefferson county. "Being a northerner," he says, "I naturally want land adapted for northern crops. My idea is to rent for several years and then buy a small place of 160 acres."

"I would like to get information about northwest Arkansas, particularly Benton county," writes E. G. Osborn of Deering, N. D.

J. W. Henson, Smithwick, Texas, wants to find a location for a colony of nine families in Van Buren or Scott county. He requests maps and information about the soil and possibilities of general farming.

M. L. Wheeler, P. O. Box 757, De Ridder, La., is interested in state and homestead lands and requests information.

"Will you please send me a map of Arkansas and also booklet about your crops and climate," is a request made by John A. Wallace, Davenport, Iowa.

Miss Etta Reader, Smithville, Texas, wants information about state and in Arkansas.

George L. Young of Dewey, Okla.,

wants information about Arkansas land.

In order to find a more congenial climate than that of Illinois, P. S. Parish of Harrisburg, wants to move to Arkansas. He is 53 years old and prefers to locate in a town where a lawyer might get established.

A. B. Morris, a physician, box 360, Valdosta, Ga., wants to purchase fertile land not subject to overflow. He does not object to cut over land if the soil is fertile.

E. F. Stewart, Berryville, Arkansas, wants to locate a desirable tract of land in the Ozarks for a colony. Land suitable for grapes and other small fruits is the first thing to be considered as the colony expects to specialize in grape culture. The colonist plans to set out not less than 100 acres in vineyards the first year.

Fred Young, 608 Keeler Ave., Bartlesville, Okla., wants information about Arkansas farm lands.

"I am interested in general and livestock farming and I shall visit Arkansas next month with the intention of buying a farm," writes W. I. Ross of Elizabeth, La., who asks for a map of the state and information about Hempstead and adjoining counties.

"I am interested in your state and would like to have pamphlets and map," writes J. Formanek, 2407 S. Spaulding St., Chicago.

Alfred Hume, Rondo, W. Va., inquires about Arkansas homestead lands.

"I am especially interested in Baxter county, Ark., and would like to have information about the character of country, climate, crop conditions," writes L. W. Pace, Wauchula, Fla.

A Logan County Farm for Sale.—One hundred and sixty acres; 20 acres in cultivation. Good house, cellar and well. Yards fenced. This land will grow good crops and the owner will sell at a bargain. B. D. Penny, Chismville, Ark.

Upland Farm in Northern Arkansas—four miles from a railroad town, near a school and church; 120 acres, 30 acres in cultivation; some creek bottom; spring water; good pasture and plenty of free range. Price \$16 per acre. J. B. Smith, R. F. D. 2, Mountain Home, Ark.

running water all year. Will sell all or half of this farm. Easy terms. Wm. Kuger, R. F. D., Berryville, Ark.

For Rent or Lease—200 acres of land. One hundred and sixty in cultivation. Ideal location for stock and poultry farm. Miss Eugenia McAlister. Box 42, Curtis, Arkansas.

Independence County Farm—89 acres, 45 acres in cultivation. Has four room house and a barn 45 by 40 feet. Sweet potato house 24 by 40 feet, and an apple storage house 18 by 30 feet, with a 12 inch dead space. Blacksmith shop 18 by 24 feet; smokehouse 12 by 14 feet; chicken house and tenant house. Three hundred apple trees and other fruits. Price \$2,500. J. J. Hall, Hutchinson, Ark.

Eighty Acres—45 acres in cultivation. Soil adapted for general farming, livestock and fruit. Has three room house, cellar, barn, crib, hen house and smokehouse; seventy fruit trees. Located one mile from school and church; on Batesville and Heber

road. A fine dairy location. Price \$15 per acre. J. L. Harper, owner, Banner, Ark.

North Arkansas Farm—for sale or trade. Eighty acres watered by large spring, ten acres of clover, ten acres of timothy, 20 acres of pasture, 30 acres in timber, balance in oats and other spring crops. Same owner has another tract of eighty acres fenced with woven wire, about 40 acres in cultivation, balance timber and pasture land. No other improvements. Located on R. F. D., convenient to church and school; good neighborhood. Four miles from railroad station. Title perfect. Will sell or trade, prefer small grocery stock in good town. J. H. Edwards, owner, Grandview, Ark.

Cleburne County—two farms for sale. One farm has 172 acres; 90 acres in cultivation; woodland pasture. Two wells, four room house and one barn. Seven miles from county seat and railroad. Three miles from Red River and the power dam being built. Price \$8,000, one half cash, balance to suit purchaser. Here is a description of the other farm: One hundred and sixty acres upland, 30 acres in cultivation, 250 rods of wire fence; three room house; four springs. Home orchard, healthful location. Price \$2,000, one-half cash, balance two equal annual payments, interest 6 per cent. W. E. Wolf, Tyler, Ark.

Forty Acres in the Ozarks.—Level land, some timber, ten acres cleared. Suitable for dairy cattle, fruits and grain. Price \$500, \$200 cash, balance terms. Mrs. A. C. Banks, Willford, Ark.

Forty Acres in the Ozarks.—Forty acres of nearly level timber land on public road. Price \$600. Mrs. John Oliver, Ravenden Springs, Ark.

Yell County Farm—for sale, rent or trade. Twenty acres all fenced. Eight acres in orchard. Two room house, chicken house; two springs and a well. One mile from town. Price \$400. D. W. Loudonback, Ola, Ark.

Eighty Acre Farm—forty acres cleared and fenced and 40 acres in good timber. Store on place does good business. There is a good supply of implements on the farm. Price for land and store building, \$3,000. Stock separate. W. A. Smithy, box 15, Louisville, Ark.

Carroll County Stock Farm—160 acres, four room house, two barns, three everlasting springs. Sixty-five acres in cultivation. Will include milk cow, heifer, four bred sows, farming implements and household goods. On a trade would consider land in Clark county, or livestock. Price \$1,500 cash or \$1,900 terms, one to three years at 6 per cent interest. Mrs. O. M. Donald, R. 3, Berryville, Ark.

One Hundred and Sixty Acres—35 acres in cultivation, good improvements and plenty of water. Write for further information. E. A. Ramsey, Swain, Ark.

Randolph County Farm—160 acres, 25 acres cleared. Plenty of good timber and free range for livestock. Small house, 75 fruit trees and a lasting spring of water, close to church and school. Price \$600. James J. Smith, Ravenden Springs, Ark.

General Farm in Johnson County.—Four hundred and eighty acres of land; fifty acres in crops. There is one-half million feet of virgin timber on this place. To the buyer I will give 13 head of cattle, seven hogs, all my farming implements and also a saw mill and shingle mill. Write to John A. Crotts, R. No. 1, Lamar, Ark.

Improved 80 Acre Farm—with 50 acres in cultivation. Twenty acres of this farm is good bottom land. Four room house, fine well of water and peach orchard. This place is located one-fourth of a mile from school and church, and seven miles from a railroad. Price, including 30 head of cattle, \$3,000. H. K. Smith, Blackfork, Ark.

Two Farms in Montgomery County

—near church and school; all white neighbors. One hundred and sixty acres, 25 acres in cultivation, balance in timber. Four room house, barn at house and garage. One hundred and twenty acres with fifty acres in cultivation. Three room house and outbuildings. This place has a peach and apple orchard, and is located seven miles from Glenwood. Owner will sell crop and implements with place. He would also consider a trade deal. A. C. Meeks, Bonnerdale, R. 2, Arkansas.

Washington County Fruit Farm.—One hundred and ten acres watered by two wells; nine acres in young apple trees; fifty apple trees in bearing; ten acres in clover; 60 acres of this farm has been in cultivation; farm is located one and one-half miles from store and 7 miles from Cane Hill. Two mares, harness, wagon, and household goods with crop; all goes for \$1,750. C. E. Ingram, R. 1, Cane Hill, Ark.

Eighty Acres of Timber—in Hot Springs County; sandy loam, soil fine for fruit and vegetables; land is watered by springs. This place is located near two railroads. W. A. Carver, Fenter, Ark.

Will Sell Ten Acres of Missouri Land—or trade it for land in Northern Arkansas. This place has four room house, barn and poultry house. City water supply. Write to J. E. Robinson; Fairview Wyandotte Egg Farm, Aurora, Mo.

A Two Hundred Acre Farm in Faulkner County. Forty acres in Carden bottom, of which twenty-five acres are in cultivation; there is also 50 acres on a hill in cultivation, the balance is in timber. On this farm there are three dwellings, barns, three wells and a peach orchard.

A big farm in Independence County. Located one-half mile from school and seven miles from town. Three hundred and sixty acres in cultivation, 350 acres in timber and 50 acres in pasture. The soil is alluvial and upland. Cotton, corn and hay are the principal crops grown. On the farm are two dwellings of six rooms each, two modern barns, three tenant houses, and outbuildings. Place is fenced with wire. A good supply of water. Price \$20 and \$40 per acre. For further information write W. M. Rice, Cord, Ark.

For sale an interest in a 708-acre farm, located in the foothills of the Ozarks. This is a well improved farm with one dwelling of manager, four tenant houses, ample barns and a warehouse in town for the storage of crate material. There are 40 acres in strawberries, 20 acres in blackberries, 30 acres in cantaloupes, 10 acres in cucumbers, 40 acres in corn and 50 acres in other crops. There are plenty of implements for cultivating these crops. The farm is fenced with hog proof wire. Livestock consists of 10 cows, 10 head of work animals, and 35 hogs. The farm is one quarter of a mile from the railroad station. In every respect this is a desirable farm for a home. Present owner cannot devote all of his time to the management of the place and is therefore willing to sell an interest to the right man who wants to locate in Arkansas and has the making of success in him. The opportunity is open for such a man. J. A. Robinson, care Gateway Produce Co., Texarkana, Arkansas.

One Hundred Acres—Sixty-five in cultivation, balance in meadow, timber and pasture; nice six-room house, good barn, tool house, chicken house, outbuildings; two good wells; good apple orchard, grapes, peaches, berries, etc.; good roads; close to small town; in the Greasy Valley of Southern Van Buren County; \$4,000 gets it. Ant Rogers, Bee Branch, Arkansas.

FARMS FOR SALE

Yell county farm—eighty acres, 40 acres under woven wire fence; large house, small barn; home orchard, plenty of spring water. Land is suitable for general farming, livestock, fruit and berries. Located on R. F. D. seven miles from a railroad. Will sell at a bargain, half cash and balance to suit purchaser. T. J. Dooley, Stafford, Ark.

Baxter County Stock and Dairy Farm—for sale or trade; 507 acres all fenced with wire. One hundred and fifty acres in cultivation, 100 acres in permanent pasture, blue grass, orchard grass and white clover. Has timber, six springs and three wells. Running water on each 80 acre tract. One seven room house and two tenant houses; barn on each place. Farm is on R. F. D., four miles from town and cream station. Price \$12,000, good terms. John Y. Price, Bakersville, Mo.

For Sale—160 Acres Near Berryville—on R. F. D. Ninety acres under cultivation. Two sets of buildings;

CATTLE—FOR SALE.

For sale four registered Shorthorn bulls, one and two years old. Price \$100 each. T. A. Watson, Charleston, Ark.

One Holstein bull calf for sale; price \$35. Henry U. Archer, Huddleston, Ark.

High-grade milking Shorthorn bull calves, \$20 each. Barber & Daughters, Havana, Ark.

Two fine Jersey bull yearlings, \$100 each. L. W. Forbes, Hackett, Arkansas.

HOGS—FOR SALE.

Herd of registered Durocs headed by one of the best bred and largest boars in the south. For sale or will exchange for pure-bred cattle. Samuel J. Barber, Havana, Ark.

For sale or trade a three-year-old Poland China boar; price \$50. E. D. Bowden, Magazine, Ark.

Mule Foot pigs for sale, write for prices. Henry U. Archer, Huddleston, Ark.

Big Bone Poland China boar for sale; eight months old and weighs 260 pounds. Price \$35. W. M. Graham, King Mills, Ark.

Spotted Poland China boar for sale; twenty months old, and weighs 600 pounds; also young boars and gilts. W. A. Davis, Dermott, Ark.

One registered Duroc Jersey boar for sale; weighs 400 pounds and is cholera immune. Price \$50 f. o. b. Star City, if taken at once. Address J. L. Dodds, Rest, Arkansas.

Three big type Poland China gilt pigs 12 weeks old, extra choice and out of a litter of 13; \$10 each or all three to the same address for \$25; pedigrees furnished. Also a choice boar 10 months old \$25 all f. o. b. L. L. Holt, Poughkeepsie, Arkansas.

Duroc Boar — Gano Orion, No. 383109; one sow—McKay's Pathfinder Lady, No. 995618, with four pigs, three females and one male. These pigs are not related to Gano Orion. Price & McKay, Mammoth Spring, Arkansas.

Duroc-Jersey Hogs, registered pigs, either sex; eight weeks old, \$10, \$12.50 and \$15. Also one herd boar, \$60. L. W. Owens, Route 2, Bingen.

Registered Hampshires herd boars, tried sows, bred gilts, open gilts and pigs; all registered. Forrest P. Owens, Route 2, Bingen, Arkansas.

Few Hampshire hogs. C. A. Overstreet, Magnolia, Arkansas.

Pure bred Duroc pigs. Wm. Hocott, Route 6, Little Rock, Arkansas.

Duroc Jersey gilt, eight months old, \$25. L. J. Thomas, Alexander, Arkansas.

Duroc Jersey pigs, \$10 each. Chas. A. Overstreet, Magnolia, Arkansas.

Poland China gilts and boars, seven to eight months old. Robinson Poultry Farm, Gravette, Arkansas.

Poland China boar, two years old, \$40. J. E. Brown, College, Siloam Springs, Arkansas.

A few choice Poland China pigs, three to four months old, \$20 each; one boar pig about four months old, a real good one, \$35 for quick sale; will send on approval. Shipman Bros., Leslie, Arkansas.

Registreed Duroc Jersey pigs now ready for shipment; my prices are in line with the times; can furnish papers on them in purchasers' name. T. J. Dooley, Stafford, Arkansas.

Poland China pigs for club boys. Sam Williams, County Agent, Murfreesboro, Arkansas.

We are in the market for O. I. C. pigs. Cook Orchard Co., Fayetteville, Arkansas.

Pure bred Poland China pigs for club boys. Byron W. Butler, County Agent, Malvern, Arkansas.

Poland China pigs for club boys. Sam Williams, County Agent, Murfreesboro, Arkansas.

HOGS—WANTED.

Robert Smith, Arkadelphia, Ark., wants a number of Poland China pigs. Wanted to buy, Poland China sows. E. Ditterline, Pinnacle, Ark.

SHEEP AND GOATS.

Registered Shropshire and Cotswold sheep. J. M. Putnam & Sons, Pea Ridge, Arkansas.

Nubian grade nannies with 50% Nubian buck kid at side, \$15 pair; all kids are sired by Gene, pure Nubian buck, registered in I. N. B. A. No. 1113. Gene's dam gave in nine months 1,753 pounds of milk. C. J. Kemp, Monticello, Arkansas.

For sale one registered Shropshire buck and high grade Angora goats. These animals are priced to sell quickly. Warren Johnson, Mayfield, Arkansas.

SEEDS AND PLANTS—FOR SALE.

Two hundred bushels Spotted Burr clover seed in the rough, \$1 per measured bushel. W. C. Graydon, Danville, Arkansas.

One thousand bushels Whipporwill peas. Robert Smith, Arkadelphia, Arkansas.

Home grown tested fruit trees for sale by Scranton Nurseries, Scranton, Ark.

Mixed winter turnip seed for sale, 50 cents per pound, postage prepaid. Large packet 10 cents, postage prepaid. B. H. Lambert, Lambert, Ark.

Porto Rico sweet potato plants, \$2 per thousand. Collard plants \$2; strawberry plants \$2 per thousand. Late Flat Dutch cabbage plants \$2. All plants sent by parcel post prepaid. Major Crow, R. F. D. 1, Flowery Branch, Ga.

SEED—WANTED.

Wanted to buy Fulgham oats, Winter Turf oats, Abruzzi rye, Burr clover, Winter barley. Arthur G. Lee, Fort Smith, Ark.

Two hundred bushels of field peas. S. M. Britton, county agent, Lonoke, Arkansas.

MISCELLANEOUS FOR SALE.

For sale one new champion peanut digger. This digger has never been used and the price is \$50 f. o. b., Lewisville, Ark. J. E. Mangus, Lewisville, Ark.

For sale single comb Brown Leghorn roosters, \$1.50 each. Eggs \$1 for setting of fifteen. C. Young, R. F. D. 1, Waldron, Ark.

Poland China pigs for sale. C. Young, R. F. D. 1, Waldron, Ark.

Two hundred tons lespedezza hay. Byron W. Butler, County Agent, Malvern, Arkansas.

Dried Apples—I will send you by parcel postage paid or express paid 25 pounds dried apples for \$3.75, 50 pounds for \$7.00. Made from ripe apples last fall and are good. Bern Carlock, Springdale, Arkansas.

WANTED—MISCELLANEOUS.

Wanted a farm girl interested in music and other educational advantages who is willing to do housework and help care for little children to pay for her living expenses while she studies. Mrs. Ava McCrory, Bonnerdale, Ark.

POULTRY—FOR SALE.

February hatched Acona pullets, Kellogs' fine strain. Hens \$1.50 each; \$20 per dozen. Cockerels, \$2.50 and \$3.50 each. Satisfaction guaranteed. J. Roy Whitt, Lock Box 642, McNeil, Ark.

Single comb White Leghorn cockerels ten weeks old; sire from a 236 egg hen. These are strong, long bodied birds at \$1 each. Your money back if not satisfied. Mrs. Clyde Adams Gravette, Ark.

Langshang cockerels from trap-nested, 300 egg hens. These birds are ready to ship. Mrs. Nora Dawson, King Mill, Ark.

White Wyandottes, heavy winter layers. Eggs \$1.25 per setting, \$6 per hundred, prepaid. 80 per cent fertility guaranteed. Fairview Wyandotte Egg Farm, J. E. Robinson, Pres., Aurora, Mo.

COWPEAS A PROTEIN FEED.

When cut at the right stage of maturity and properly cured with a large proportion of the leaves, cowpea hay pound for pound is almost equal to alfalfa as a protein feed. A large percentage of the protein is in the leaves which must be retained or the hay will not have a high feeding value. It is not always an easy matter to save the leaves because they dry quickly, while the juicy stems give of moisture slowly, and by the time the stems are cured the leaves become so dry and crisp that many of them shatter off in handling from windrow to stack. In spite of this difficulty, however, the leaves can be saved by a little extra work which will be more than offset by the valuable supply of protein feed secured.

The cowpea crop contains its maximum amount of digestible food nutrients at or about the time the first pods begin to turn yellow. At this stage of maturity the stems are still tender and palatable and practically all the leaves are attached. If weather conditions are favorable for making hay, the mowing machines should be started at once. The crop should not be cut too green or the vines will be soppy, which make an inferior hay. On the other hand if mowing is unduly delayed after the pods begin to ripen, many leaves will drop off, the rip pods will shatter and the stems become tough and undigestible.

After the vines are cut they should be left on the ground two days in order to thoroughly wilt, after which they should be raked into windrows. If weather conditions are right for rapid curing, good hay can sometimes be made in the windrows, but the safest plan is to bunch it with a rake and then make cocks around stakes set in the ground. Long exposure to the hot sun burns the leaves and causes them to drop off, while rains and heavy dews turn the vines black and leaches out the food nutrients, which in either case results damage to the hay. Curing the hay in cocks requires a little more labor but it is undoubtedly the best method since the quality is retained even when weather conditions are not favorable.

If rains set in soon after the cocks are made, it may be necessary to open them to dry; this must be done carefully in order not to shake off the leaves; the vines should be recocked before night.

The following table shows the feeding value of good cowpea hay as compared with alfalfa, corn and oats:

	Digestible protein	Digestible carbohydrates
Cowpeas	10.8 per cent	38.6 per cent
Alfalfa	11 per cent	39.6 per cent
Corn (grain)	7.9 per cent	67.7 per cent
Oats (grain)	9.2 per cent	47.3 per cent

This table shows that good cowpea hay is superior to corn and oats as a protein feed, and the table also shows that it is almost equal to alfalfa in that respect. Protein feeds are more expensive than carbohydrate feeds, since cowpeas can be raised economically on the farm, the hay is a cheap source of protein. Nearly all Arkansas farmers have little or no trouble in growing enough carbohydrate feeds, but not so with protein feeds. By saving cowpea hay, its is practicable to feed a balanced ration to all classes of livestock at a minimum cost.

PURE-BRED HOGS INCREASE.

The number of hogs on Arkansas farms in 1920 shows less decrease in number since 1910 than any other southern state except Texas, while Oklahoma and Louisiana show the greatest decrease in numbers. The number of hogs on Oklahoma farms was 534,922 head less than the number in 1916; Louisiana, 477,043; Tennessee, 444,368; Georgia, 286,974; less than 1910.

RATIONS FOR STEERS.

The U. S. Department of Agriculture in a series of feeding tests made in the south with southern cattle to determine the best method of fattening steers for the market found that it is often more profitable under Southern conditions with respect to the age and quality of the cattle to feed heavy rations over a short period than to feed lighter rations over a longer period. The condition of the steers when placed in the feed lot and the market price are the chief factors to use as a basis for determining whether to employ the short or long feed. As a rule it is a safe policy for the southern stockman to prime his cattle with plenty of finish, as steers in the best market condition commanded the banner prices and returned the maximum profits during the periods of these investigations.

Cattle which are sold on large margins usually bring good profits, even though the cost of finishing the feeding animals is high. A dependable and certain way of insuring satisfactory financial outcome of the beef-making operations is to buy the feeders at right prices or to raise the animals economically, chiefly on farm-grown feeds, such as silage, stover, straw and pasture.

These feeds and others can be cheaply grown in Arkansas. For example, clovers, cowpeas, soybeans are valuable forage crops rich in protein which thrive on practically all soils, while alfalfa thrives on the deep alluvial soils of the bottoms. Among the crops rich in carbohydrates which can be grown on a wide range of soils are corn, sorghum, sudan, kafir, etc.

Taken as a whole, Uncle Sam's representatives conclude from their extensive investigation that the sorghum silage, with or without other cottonseed meal or cake and corn or sorghum silage, with or without other farm-grown roughage, and produce satisfactory gains at comparatively cheap cost, and can market well-finished steers for good prices if he is in a tick-free section. By so doing he not only utilizes his farm-grown crops but adds to his farm in the form of manure the fertilizing elements of the cottonseed meal fed, thus carrying out a system of diversified, permanent and profitable farming.

June Prices for Farm Products.

Hogs (live weight), per 100 lbs.	\$ 6.55
Beef cattle (live weight), per 100 lbs.	4.06
Veal calves (live weight), per 100 lbs.	5.75
Sheep (live weight), per 100 lbs.	4.10
Lambs (live weight), per 100 lbs.	6.00
Milch cows, per head	40.00
Horses, per head	71.00
Milk (whole), wholesale, per gallon	.36
Milk (whole), retail per gallon	.45
Wool (unwashed), per lb.	.11
Wool (washed), per lb.	.18
Apples, per bushel of 48 lbs.	2.40
Peaches, per bushel of 48 lbs.	1.75
Peanuts, per lb.	.07
Beans (dry), per bushel of 60 lbs.	3.75
Sweet potatoes, per bushel of 55 lbs.	1.45
Cabbages, per 100 lbs.	3.40
Cabbages, per 100 head	4.55
Onions, per bushel of 57 lbs.	1.50
Timothy hay (loose), per ton of 2,000 lbs.	18.30
Clover hay (loose), per ton of 2,000 lbs.	18.00
Alfalfa hay (loose), per ton of 2,000 lbs.	19.00
Prairie hay (loose), per ton of 2,000 lbs.	12.70
Cotton seed, per ton of 2,000 lbs.	16.45
Eggs, per dozen	.16
Chickens (live weight), per lb.	.16
Cowpeas, per bushel	2.20
Cream, per lb. of butter fat	.26
Chickens, (Spring), per lb.	.28
Following are prices of products bought by farmers:	
Clover seed (red), per bushel of 60 lbs.	\$13.80
Alfalfa seed, per bushel of 60 lbs.	13.50
Bran, per ton	30.00
Cottonseed meal, per ton	34.00
Cottonseed hulls, per ton	4.80

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900.

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

JAN 28 1922

Vol. 3 No. 8

LITTLE ROCK, ARKANSAS

August 1921

Oats Make Ninety Bushels to the Acre in Arkansas When the Crop is Handled in the Modern Way

ADAPTED TO EVERY PART OF THE STATE, FURNISHES WINTER PASTURAGE AND IS THE BEST OF ALL "CATCH CROP"



Truck Load of Seed, the Yield from One Acre, on the Dortch Farm

ARKANSAS will have this year an increase of 10 per cent in the acreage devoted to oats, making the total amount seeded to this crop 387,000 acres. It is, therefore, the largest of our small grain crops and one worthy of attention. In this state less than half of the crop is threshed, the threshing being done in the regions where the crop is raised abundantly or where other small grains like rice or wheat are also raised and where the keeping of threshing machines is therefore justified. In practically all of the south half of the state the oats are used as a combined hay and grain crop, the usual practice being to cut the crop in the dough stage. Care and experience are necessary to know at just what stage of maturity the harvesting should be done for this combined feed, so as not to have the straw too ripe, or on the other hand, the grain too immature.

The state ships out practically no oats but imports large quantities of the grain. It is unfortunate that this is the case. The value of the crop for feeding purposes is not fully understood and one reason is that it is fed too soon after the harvest. Oats should be well matured and should not be fed for at least 40 or 50 days after harvest.

Under present conditions the crop is largely used as a catch crop and is intended only to fill in the interval between the exhaustion of one corn crop and the ripening of another.

Indifferent preparation of soil, careless seeding, the use of inferior seed and other slipshod methods keep the yield down to one-half or less of what it should be and would be if more care were given. The soil should be plowed deep and the oats seeded fairly deep. Too often they are merely thrown on the surface and partially dragged in with a spike harrow. They should be disced in, or if a disc or grain drill be not available, they should be double shoveled in or put in with a two-horse cultivator. It will pay to use, especially on the thinner soils, from two to three hundred pounds per acre of fertilizer strong in phosphate.

Advantages of Oats

The advantages of growing oats in this state are as follows: They can be produced at less cost than intensively cultivated crops; they require less labor and less cost than intensively cultivated crops; they require less labor and less cost to grow, and require no cultivation; they can be raised on the poorer and wetter soils and more easily than almost any other

crop, except rice; and in addition to their grain and straw value, the fall sown oats have pasture value. They cost less for labor than almost any other crop grown at the same time, and, perhaps most important of all, they permit a double cropping of the land they have occupied. Clover or lespedeza may be seeded with or after the oats, and after the harvesting the field may be disced or turned and used for corn, sorghum or preferably cow peas, any of which crops may be harvested in the fall. With the double cropping system oats and their companion crops should return as much per acre as any of the principal field crops, and ordinarily with less expense and labor to the grower. These results, however, cannot be had without attention and careful preparation of the land and the proper use of fertilizers when required.

The yield in the state of Arkansas is 24 bushels per acre.

One Farm Yields 91.3 Bushels Per Acre.

As an example of what can be done in the way of growing this grain in Arkansas, and what the fertile soils of this state will produce when properly prepared and planted with pedigreed

seed, we give herewith a report of an oat crop just harvested by R. L. Dortch of Scotts, Ark.

Good Seedbed Necessary

Mr. Dortch's plantation is in Lonoke county and almost surrounded by what is known as Bearskin lake. He planted one forty-acre field last fall with pedigreed seed oats of his own production, which won first prize at the Tri-State Fair in Memphis. These oats are the Red Appler variety and Mr. Dortch planted this field with the idea of preparing, seeding and fertilizing to produce not less than 75 bushels of threshed grain per acre. The land was thoroughly prepared by plowing and harrowing before the seed were planted. The field had been in pasture for several years and was well covered with clover and bermuda sod. Considerable nitrogen and organic matter were, no doubt, stored in the soil, so Mr. Dortch made a spring application of 500 pounds of fertilizer containing 12 per cent available phosphoric acid, one per cent nitrogen and two per cent potash per acre. The phosphoric acid and potash were necessary to produce a stiff straw to keep the tall plants from falling down under the weight of heavy heads and the small

per cent of nitrogen, only to give the crop a vigorous start in the spring.

Mr. Dortch has just sacked and weighed 116,960 pounds of threshed grain from this forty-acre field. This is a total of 3,655 bushels or an average of 91.3 bushels per acre. An idea of the enormous yield made can be had from the fact that the plants stood five feet high and it required two days to harvest the field with two large tractor-drawn rice binders. These oats did not lodge and were cut so as to leave at least eighteen inches of stubble. Each machine was operated at full capacity and delivered a bundle every six feet. Mr. Dortch states that it took 25 negroes three days to shock the sheaves after they were harvested.

This yield of 91.3 bushels per acre is the result of thorough preparation, proper fertilization and planting at the right time pedigreed seed that were thoroughly cleaned and absolutely free from disease. Since these oats have been grown here for two years, they are now acclimated and specially adapted to the soil and climatic conditions of this section. Mr. Dortch is making still further improvement in this variety by selection and breeding. What Mr. Dortch has accomplished with oats can be accomplished by other owners of land of similar nature, provided they are willing to prepare a good seed bed, use good seed and fertilizer.

Soils Suitable for Hay Production

Bottom or alluvial lands, if sufficiently drained, are especially suitable for hay production and will probably give as great a profit when used for this purpose as for any other use to which they could be put, assuming, of course, that there is a good market for hay. There are also some extensive soil areas of limestone origin that will yield abundant hay crops.

It is doubtful whether it is advisable to attempt to produce market hay on either the heavy clay uplands or the sandy soils of the South. Certainly it is inadvisable to plant a large acreage for market hay on such land without previous experience as to what crops may be expected both with and without fertilizers. On such land oats, Italian rye-grass, Sudan grass, and the Arlington mixture (orchard grass, tall oat-grass, and alsike) are most likely to succeed.

Some Facts About Our Oat Crop

The total production in 1900 was 8,800,000 bushels, an average yield of 25 bushels to the acre. Washington County has the largest acreage, 36,300. Benton County is second with 28,420. Chicot County reported the largest yield per acre, 31 bushels. The smallest acreage was in Desha County, 430.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

FARMOGRAMS

The Second District Agricultural School at Russellville recently purchased five mules, eleven registered Jersey cows, one registered Jersey bull and one registered Holstein bull. The school also purchased 27 beef animals of the Sorthorn, Hereford and Angus breeds. In order to provide pasture and feed for the livestock, 95 acres of bottom land located two miles from the school was purchased by the school authorities.

Farmers and their wives who attend the short course given by the College of Agriculture at Fayetteville August 16-19, inclusive, will be given reduced rates by the railroads. An interesting and practical course of instruction has been prepared and there will be some feature of the program that will be of service to every visitor regardless of what branch of agriculture in which he is interested.

Notwithstanding the fact that the weather has been excessively warm, the boll weevils have survived the heat in sufficient numbers to cause considerable apprehension among cotton growers in the southern half of the state. Frequent cultivation of the cotton destroys many of the pests by knocking them to the ground and covering them with dirt; a half inch of hot dirt on the back of the boll weevil soon causes death.

L. W. Osborne, Secretary of the Arkansas Seed Growers' Association, has issued a booklet which gives the requirements of inspected seed of various farm crops. The booklet is prepared for the instruction of members of the Association who raise seeds for the market, and it has the approval of the Association membership at large. The Arkansas Seed Growers' Association is made up of farmers and planters who are striving to increase crop yields by the use of improved seeds grown within the state. Complete information about the association can be secured by any one who will write L. W. Osborne, Fayetteville, Ark.

J. W. Haley, a Yell county farmer, planted one-half acre of Early French Breakfast radishes last spring and harvested 42 barrels of this delicious vegetable which when sold in northern markets brought \$399 gross receipts. After all expenses were paid there remained \$177.56 profit. Watermelons were planted on the land after the radishes were off. The melons will derive considerable benefit from the fertilizer applied to the radishes, without adding to the cost of this crop. Judging from the experience of Mr. Haley, radishes can be grown in Yell county at an attractive profit.

State Egg-Laying Contest

The eighth Egg Laying Contest to be conducted by the State College of

Agriculture will begin at Fayetteville November 1. A pen of ten hens will be entered by the contestants instead of five as in the past seven contests. Each pen will consist of ten pullets hatched between February 1 and May 1 this year. One reserve pullet must be sent with each pen to be used in the event one of the contest pullets becomes sick.

The winners will be decided by the number of marketable eggs of one and one-half ounces or over, laid by each pullet, and by all the pullets in each pen. Trap nests will be used and all the eggs weighed daily; the eggs will become the property of Experiment Station and will be sold to help pay the expense of making the test. There will be a \$5 entry fee for each pen.

Several prizes will be awarded at the end of the contest. First prize, \$25; second, \$20; third, \$15; fourth, \$10, and fifth, \$5. Several cash prizes ranging from \$1 to \$15 will also be awarded to the best individual hens. A certificate of merit will be awarded for each hen that lays 200 eggs or more during the contest.

New Bulletin for Rice Growers

"Straight Head of Rice and Its Control," is the title of a new farmers' bulletin recently issued by the U. S. Department of Agriculture, which contains information about straighthead that ought to be helpful to rice growers in Arkansas and other southern states. Straighthead is a disease that attacks rice where irrigation is practiced and it causes sterility. In some cases fields are damaged ten to fifteen per cent of the yield.

Straighthead plants are hard to detect before they start heading. A thorough knowledge of the rice plant, the soil and watering, and a knowledge of the characteristics of straighthead are essential in order to detect the disease with any degree of certainty. This information is given in the bulletin. The department experts give suggestions as to the best means to control the disease. This Farmers' Bulletin is number 1212 and can be secured free of charge by writing to the U. S. Department of Agriculture, Washington, D. C.

Birds Under Protection of Federal Laws

(By Judge Henry D. Clayton)

Provisions in the migratory bird law afford protection during certain seasons, which the law and regulations mention specifically, against the killing or capturing of the numerous families of migratory birds, including swans, ducks, geese, cranes, rails, plovers, snipe, curlew, woodcock and others, some of which, we, in this section, never see and know but little about, as they never come inland but frequent the seashores and tidal marshes.

As a general rule there is no open season for insectivorous birds, and it is a violation of law to kill or capture

these at any season. Among the birds thus protected I may mention the flicker, commonly called the yellow-hammer, woodpeckers, robins, bee martins, and others, including bull bats. Now let me say a good word for the bull bat. The ornithologists tell us that it is entirely insectivorous and my observation confirms me in the belief that this is so. This bird is harmless and yet very useful. It feeds altogether on flies, gnats, mosquitoes and other insect pests. Reed birds or rice birds, and as we sometimes speak of them, blackbirds, including the large blue-blackbird, are at all times protected against destruction, except in a limited number of rice-growing States where the rice bird or blackbird harms crops.

Under this migratory bird law any employee of the Department of Agriculture is authorized by law and by the Secretary of Agriculture to enforce its provisions and has power to arrest without a warrant any person committing a violation of the act in his presence or view and to take the offender before a trial officer or court. Let me emphasize the fact that it is the intention of Congress and the courts to have this law enforced.

Arkansas Pays Highest Interest Rate on Farm Loans

Arkansas at the 1920 census reports 29,504 mortgaged farms out of a total of 234,000 farms in the state. The value of these mortgaged farms is \$129,347,657, and the amount for which they are mortgaged is \$38,539,428. The average value per farm is \$4,384, and the average debt per farm is \$1,306. The interest rate is 7.8 per cent, which is higher than that reported by any other state. The value of land shows an increase of 269.2 per cent over 1910 and the mortgage debt an increase of 331.0 per cent. The ratio of debt to value is 29.8 per cent.

The states reporting the largest amount of farm mortgage debt in 1920 were as follows: Iowa, \$489,816,730; Wisconsin, \$354,574,391; Minnesota, \$254,475,222; California, \$224,063,903; Missouri, \$216,463,380, and Illinois, \$197,504,756.

The greatest relative increases in farm mortgage debt took place in the mountain states, Montana showing a debt more than seven times as large in 1920 as in 1910. Notable relative increases were made also in Florida, Tennessee, Arkansas and California. The largest absolute increase was in Iowa—from \$204,242,722 in 1910 to \$489,816,730 in 1920, an increase of \$285,574,017, which is more than the total 1920 farm mortgage debt of any other state except Wisconsin.

The value of the farms for which the amount of the mortgage debt was reported in 1920 was \$13,772,729,610. The debt, amounting to \$4,012,711,213, therefore represented 29.1 per cent of the value. The mortgage debt reported for 1910 represented 27.3 per cent of the value of the mortgaged farms.

The average rate of interest paid on farm mortgages in the United States in 1920 was 6.1 per cent. Among the several states the rate varied from 5.1 in New Hampshire to 7.8 per cent in Arkansas. In 6 states the rate was less than 5½ per cent; in 21 states it was 5½ per cent or more, but less than 6½ per cent; and in 21 states, for the most part in the West and South, it was 6½ per cent or more.

Average Debt Per Farm

The average amount of mortgage debt per farm for the United States in 1920 was \$3,361, as compared with \$1,715 in 1910.

The average debt per farm in Iowa in 1920 was \$9,358; in Nevada, \$8,499; in Nebraska, \$7,042; in South Dakota, \$6,412; in California, \$6,001; in Arizona, \$5,441; and in Illinois, \$5,385.

How Much Oats for the Horse?

As a rule one pound of threshed oats which is equal to one quart by dry measure should be fed to work horses for each hundred pounds of liveweight. For example, a horse doing a moderate amount of work regularly should receive 10 pounds of oats if he weighs 1000 pounds, and 12 pounds of oats if his weight is around 1200 pounds. For horses that are in the harness long hours and under great strain, the allowance of oats should be increased; on the other hand if the horses are idle a considerable portion of the time, their allowance should be decreased. Experience will teach the observing driver to determine the right amount of oats to feed in order to keep his team in good condition.

Oats a Universal Feed

Next to corn oats are the most extensively used grain fed to livestock. The popularity of this crop is not confined to any section of the country nor is it confined to any class of livestock. Wherever domestic animals are kept for profit and utility, oats are depended upon as the principal ingredient of the ration. The sportsman feeds liberal quantities of shelled oats because this grain puts mettle into his horses which is the test of speed on the race track; captains in command of armies rely on oats to sustain their cavalry and artillery horses on long marches; captains of industry, whether in mines under the ground or far away in the forest, or in the heart of big cities, alike find oats to be the most economical grain feed, and any man who has pulled a cord over a mule's back between cotton rows, knows that mule can stand more hard work, endure the hot sun and harsh treatment better when on a ration of oats than any other feed. Oats make a splendid feed for milk cows; however, they are too valuable for other purposes to be fed to cows extensively; hogs thrive on oats, so do sheep and goats, and there is no better grain crop for poultry than ground oats.

The oat grain contains the essential food building material, protein and carbohydrates, in nearly the proper proportion to balance the ration. The grain is richer in protein than corn and it is not so heavy and undigestible as corn. When fed to a work horse in large quantities for several days in succession, corn will cause digestive troubles and the poor animals will go off feed. But a liberal ration of oats can be fed to a work horse indefinitely without producing ill effects. There is no better feed for growing colts than oats. Maximum rate of growth can be secured by giving the colts a good pasture and feeding them oats regularly.

Digestible Food Nutrients in Threshed Oats, Corn and Wheat

	Digestible Nutrients in 100 pounds		
	Protein	Carbohydrates	Fat
Oats	9.7	52.1	3.8
Corn	7.5	67.8	4.6
Wheat	9.2	67.5	1.5

This table shows that the proportion of protein, carbohydrates and fat are nearly in the proportion which experience teaches that these nutrients should be in order to sustain the animal to the best advantage at minimum cost. Not only are corn and wheat too heavy to be easily digestible by horses at hard work, these grains when fed alone do not supply the different nutrients in the proportion which the body seems to utilize them. Therefore there is invariably a waste when an attempt is made to sustain a work horse on either grain without supplementing it with some other concentrate.

Homeseekers Who Want to Buy Arkansas Farms

Inquiries

Jesse Ellis, Salisbury, Mo., asks for state map and prices on farm lands in Arkansas.

"I am thinking of locating in Arkansas in the near future," writes Ed. Wagenlender, a merchant, who lives at 322 Vernon St., Ironton, Ohio. Mr. Wagenlender wants information about homestead land, unimproved land or improved land, crops and climate.

Mrs. Art Sullivan, U. S. Hospital, Perryville, Md., wants information about farm land suitable for stock raising and poultry.

Sam Killingworth, Longview, Texas, writes that he is going to make a prospecting trip through the north and western part of the state soon. He requests a state map.

C. D. Anderson, 3453 N. Kilpatrick Ave., asks for information about homestead land or cheap lands which can be purchased. He and several friends are thinking about moving to Arkansas and they prefer to find a place where the land is not too high.

"Have you a list of available farms for sale in the northwest part of Arkansas?" writes J. A. Haliburton, P. O. Box 1086, Thrift, Texas. Mr. Haliburton is interested in fruit land close to a railroad where the location is suitable for a home.

C. A. Dittman, 141 New York Ave., Wichita, Kansas, wants information of interest to a prospective homesteader.

James M. Age enquires about homestead land in Arkansas.

L. A. McMasters, Route 2, Brandon, Miss., who has lived in several states, believes that none of them compare with Arkansas, and after much wandering he has decided to locate on an Arkansas farm, preferably about 100 acres in size. He wants to hear from some one who has a farm for sale that will meet the following requirements: Forty or fifty acres in cultivation along a creek or small river, land which yields 30 to 35 bushels of corn and other crops in proportion; must be suitable for poultry, cows and general farming; a location where there is good fishing and hunting is desired.

Geo. W. Berry, 300 E. Fifth Street, Fulton, Mo., asks for information about acquiring homestead or timber land in Arkansas.

William A. Rock, Jamestown, N. D., is interested in homesteading or buying farm land in Arkansas.

J. B. Spiegel, Box 476, Jamestown, N. D., asks for information about land

suitable for farming and poultry raising in Northwest Arkansas.

"I am looking for a home, a place on a small stream, suitable for water power, but free from malaria," writes J. K. Langford, Benson, La., who wants to come to Arkansas and raise fruit and general crops.

C. Miller, 4233 Wabash Ave., Chicago, Ill., writes for agricultural information about Arkansas, with the object of buying a home here.

L. G. Meier, Mount Pleasant, Texas, is interested in bee culture and requests information about localities where this industry thrives.

"Please send me information about farm lands in Arkansas, especially fruit and berry lands in Northwest Arkansas," is a request made by Mrs. F. W. Templeton, Custer, Mont.

L. E. Bickel, 125 S. Jackson St., Jackson, Mich., wants information about the country around Little Rock.

Odell McClarney, an ex-service man who lives in Mine La Motte, Mo., requests a state map and information about government lands in Arkansas.

T. W. Robertson, Rich Hill, Mo., asks for a mineral map of Arkansas.

"I am interested in Northwest Arkansas and want to buy a small farm somewhere near Fort Smith, or between Fort Smith and Bentonville," writes R. E. Berger, Box 1056, Thrift, Texas.

J. F. McKinzie, Dovel, Okla., writes "I have some literature descriptive of your state and I have been thinking about locating in the southwest part of the state. I want to locate where the climate is mild and there is no malaria."

E. J. Priess, Saginaw, Mich., is interested in farm lands in Carroll county, Arkansas.

Isaac Keith, Plant, Arkansas, wants to buy an improved farm of 80 or 100 acres. Land must be located near a railroad station, have a house, barn and like improvements. Soil that produces general crops, such as corn, cotton, oats, potatoes, hay and vegetables is desired. The farm must be located above overflow, yet it must not be hill land covered with rocks. For the farm of his choice, Mr. Keith is willing to pay a reasonable cash price.

E. C. Williams, Box 452, Miamisburg, O., is another Ohio man who wants to move to Arkansas. He is interested in agricultural possibilities around Little Rock, and Hot Springs, especially the production of strawberries and raspberries for the market.

FARMS FOR SALE

Washington County Fruit Farm—One hundred and ten acres watered by two wells; nine acres in young apple trees; fifty apple trees in bearing; ten acres in clover; 60 acres of this farm has been in cultivation; farm is located one and one-half miles from store and 7 miles from Cane Hill. 2 mares, harness, wagon, and household goods with crop; all goes for \$1,750. C. E. Ingram, R. 1, Cane Hill, Ark.

Eighty Acres of Timber—In Hot Springs County; sandy loam, soil fine for fruit and vegetables; land is watered by springs. This place is located near two railroads. W. A. Carver, Fenter, Ark.

Will sell ten acres of Missouri land—or trade it for land in Northern Arkansas. This place has four room house, barn and poultry house. City water supply. Write to J. E. Robinson, Fairview Wyandotte Egg Farm, Aurora, Mo.

A two hundred acre farm in Faulkner County. Forty acres in Carden bottom, of which twenty-five acres are

in cultivation; there is also 50 acres on a hill in cultivation, the balance is in timber. On this farm there are three peach orchard. M. S. Brown, Damascus, Ark.

A big farm in Independence County. Located one-half mile from school and seven miles from town. Three hundred and sixty acres in cultivation, 350 acres in timber and 50 acres in pasture. The soil is alluvial and upland. Cotton, corn and hay are the principal crops grown. On the farm are two dwellings of six rooms each, two modern barns, three tenant houses and outbuildings. Place is fenced. A good supply of water. Price \$20 and \$40 per acre. For further information write W. M. Rice, lord, Ark.

One hundred and sixty acres—35 acres in cultivation, good improvements and plenty of water. Write for further information. E. A. Ramsey, Swain, Ark.

Randolph county farm—160 acres 25 acres cleared. Plenty of good timber and free range for livestock. Small

house, 75 fruit trees and a lasting spring of water, close to church and school. Price \$600. James J. Smith, Ravenden Springs, Ark.

General farm in Johnson county.—Four hundred and eighty acres of land; fifty acres in crops. There is one-half million feet of virgin timber on this place. To the buyer I will give 13 head of cattle, seven hogs, all my farming implements and also a saw mill and shingle mill. Write to John A. Crotts, R. No. 1, Lamar, Ark.

Improved 80 acre farm—with 50 acres in cultivation. Twenty acres of this farm is good bottom land. Four room house, fine well of water and peach orchard. This place is located one-fourth of a mile from school and church, and seven miles from a railroad. Price, including 30 head of cattle, \$3,000. H. K. Smith, Blackfork, Ark.

North Arkansas farm for sale or trade. Eighty acres watered by large spring, ten acres of clover, ten acres of timothy, 20 acres of pasture, 30 acres in timber, balance in oats and other spring crops. Same owner has another tract of eighty acres fenced with woven wire, about 40 acres in cultivation, balance timber and pasture land. No other improvements. Located on R. F. D., convenient to church and school; good neighborhood. Four miles from railroad station. Title perfect. Will sell or trade, prefer small grocery stock in good town. J. H. Edwards, owner, Grandview, Ark.

Cleburne county—two farms for sale. One farm has 172 acres; 90 acres in cultivation; woodland pasture. Two wells, four room house and one barn. Seven miles from county seat and railroad. Three miles from Red river and the power dam being built. Price \$8,000, one half cash, balance to suit purchaser. Heare is a description of the other farm: One hundred and sixty acres upland, 30 acres in cultivation, 250 rods of wire fence; three room house; four springs. Home orchard, healthful location. Price \$2,000, one-half cash, balance two equal annual payments, interest 6 per cent. W. E. Wolf, Tyler, Ark.

Forty acres in the Ozarks.—Level land, some timber, ten acres cleared. Suitable for dairy cattle, fruits and grain. Price \$500, \$200 cash, balance terms. Mrs. A. C. Banks, Willford, Ark.

Forty Acres in the Ozarks.—Forty acres of nearly level timber land on public road. Price \$600. Mrs. John Cliver, Ravenden Springs, Ark.

An all round farm of 170 acres for sale. All the land is under fence; 90 acres in cultivation, the balance in timber and pasture. A good house and outbuildings, also a splendid spring of pure water. The farm is located two miles from a church and school and seven miles from Everton which is a railroad town. Offered at a bargain if taken during the next sixty days. S. J. Johnsey, Route 1, Box 4, Everton, Ark.

For sale—A 134-acre farm in Independence county. Sixty-five acres in cultivation, 35 acres level land which can be cleared and cultivated. Four-room house, a good barn and splendid well of water in the yard and a bubbling spring near the barn. There is a family orchard on the place. This location is on public road, one mile from school, church and country store. The man who wants a stock farm will do well to investigate this property; it is priced to sell. J. B. Fallis, Charlotte, Ark.

A limestone farm for sale. One hundred and thirty acres, of which 50 acres are in cultivation. The soil is of a limestone formation underlaid with clay subsoil. Will grow alfalfa and clover; there are four acres in alfalfa. One house, two barns and a smokehouse; good well of water. Will sell for \$2000 and give time on \$600. Willie Hinson, Myron, Ark.

A Yell county farm for sale. Seventy acres of land, two sets of buildings complete with good wells, outbuildings and fruit trees sufficient for two fam-

ilies. Twenty-five acres high and rough timberland covered with oak, hickory and pine. Farm is located near church, school, country store, saw mill, grist mill, and cotton gin. Only 50 miles from the famous Hot Springs. Have unlimited free range for livestock. Will sell my crop which includes timothy, red top, corn, cotton, hay, sorghum, sweet potatoes, peas and melons; will also sell team and all farming implements such as plows, mower, rake, bailer and cane mill; also all livestock on the place. Fine country for health, delightful climate winter and summer, and good fishing in a clear mountain stream. For particulars address the owner, W. L. Davis, Onyx, Ark.

For sale—a Fulton county farm of 160 acres. Eight acres in tame grass and a family orchard, some improvements in the way of buildings. Farm is four miles from Hardy, the intersection of the Ozark trail and the Pershing Highway. Owner will sell with the farm 40 head of goats, registered Duroc sow and pigs, nine head of cattle and two mares; also all farm implements. Price, \$4,000. T. J. Green, Hardy, Ark.

A farm for sale in Boone county. Two hundred and ten acres, 100 acres in cultivation, which is fenced. Located near a school, church and post-office. Good improvements, a 4-room house, barn; farm is well watered by three everlasting springs. Soil grows all kinds of crops and fruits. Priced to sell. W. W. Dunlap, Prosperity, Ark.

For sale—A farm in the Ozarks. One hundred and ninety acres with 50 acres in cultivation, and 25 acres in pasture, all under rail and wire fence. Timber covers 115 acres of the land of which much of the soil is fertile and can be cultivated by removing the timber. The soil is suitable for general crops, vegetables and fruit. There is free range for livestock. Owner will exchange for land in a healthy location. Adam A. Beverage, Dabney, Ark.

Forty-nine acres of land for sale in Van Buren county. Fifteen acres fenced, 12 acres in cultivation, three acres in pasture and 400 acres in timber. Good house, fine water, 90 young apple trees, several peach, plum and other fruit trees. Price \$400. Mattie Beverage, Dabney, Ark.

For sale—Forty acres of fruit land near Fayetteville. This piece of land is fenced and cross fenced. Price, \$20 per acre. A. J. Smith, Luxora, Ark.

For sale—A farm in Central Arkansas. Two hundred and sixteen acres, 40 acres fine creek bottom land, balance bench and hill land; 80 acres in cultivation, 40 acres in pasture and five acres in orchard. Everlasting water. Improvements consist of two good residences, two barns and other outbuildings. The soil produces 18 to 20 bushels of wheat per acre, 30 to 50 bushels of corn, and one-half to three-fourths of a bale of cotton. This is a desirable all round farm. Price, \$8000. A. B. Shockley, Slocumb, Ark.

A Benton county farm for sale. This farm is located five miles from Gravette on R. F. D. There are 144 acres in the tract, of which 75 acres are in cultivation. Nearly all the cultivatable is in a bottom. On the farm are fifteen acres of clover; enough orchard and blue grass to pasture 35 head of stock; 40 acres are covered with timber. There are enough fruit trees of all varieties to supply the family; a 7-room house, concrete cellar and a barn 50 feet square. The farm is watered by a well in the yard and two springs; a creek also runs through the farm. Write to T. C. Albright, Gravette, R. 3, Ark., for price and further information.

Yell county farm—for sale, rent or trade. Twenty acres, all fenced, eight acres in orchard; 2-room house, chicken house; two springs and a well. One mile from town. Price, \$400. D. W. Loudonback, Ola, Ark.

FOR SALE—CATTLE

Registered Holsteins. Three bred cows and one three-year-old bull not related to cows. The bull has back of him a splendid line of breeding. Price of the four animals is \$750. Also have one January bull for \$50 and another bull for \$65, both are registered. For further information write W. S. Bennett, Harrison, Ark.

For sale—One registered Holstein heifer of the Krontike strain, one month old. I will also sell the mother of this calf; she is nine months old. Ira L. Haney, Lincoln, Arkansas.

One high grade Jersey bull three years old, weighs 14000 pounds. Price \$80. Two good milk cows with calves, \$40 each. A. B. Shockley, Slocumb, Ark.

Twin mules for sale, extra fine animal, coal black, well trained and perfectly safe to handle. Weight, 900 pounds each. This is a fine span of mules as the owner ever saw. They will probably weigh 1100 or 1200 pounds each when five years old. Price, \$400. A. B. Shockley, Slocumb, Ark.

For sale—Four registered Shorthorn bulls, one and two years old. Price \$100 each. T. A. Watson, Charleston, Ark.

One Holstein bull calf for sale; price \$35. Henry U. Archer, Huddleston, Ark.

High-grade milking Shorthorn bull calves, \$20 each. Barber & Daughters, Havana, Ark.

Two fine Jersey bull yearlings, \$100 each. L. W. Forbes, Hackett, Arkansas.

Four registered Shorthorn cattle: two cows, two bulls. Wm. M. Slinkard, R. 5, Jackson, Mo.

One 2-year Shorthorn road bull, Scotch breeding, weight about 1800, L. C. Stamps, Jerico Springs, Mo.

Registered Shorthorn cattle: Bulls, cows and heifers, tuberculin-tested. J. W. Watts, R. 2, Rogersville.

Hereford bull of Anxiety breeding, 3 years. W. J. Lithacum, Pattonsburg, Mo.

HOGS—FOR SALE

Hampshire hogs. One sow farrowed in 1919, now with pig, and two sows farrowed in January, 1921. Will sell at a reasonable price. Ira L. Haney, Lincoln, Ark.

Duroc Jersey pigs, three months old. Subject to registration, papers furnished to purchaser; price of pigs of either sex, \$12.50 each. Will also sell my stock hog for \$50. T. J. Green, Jr., Hardy, Ark.

Bred Duroc Jersey gilt eight months old; price \$30. Miss Jessie Stewart, King Mills, Ark.

Herd of registered Durocs headed by one of the best bred and largest boars in the south. For sale or will exchange for pure-bred cattle. Samuel J. Barber, Havana, Ark.

For sale or trade, a three-year-old Poland China boar; price \$50. E. D. Bowden, Magazine, Ark.

Mule foot pig for sale, write for prices. Henry U. Archer, Huddleston, Ark.

Big Bone Poland China boar for sale; eight months old and weighs 260 pounds. Price, \$35. W. M. Graham, King Mills, Ark.

Spotted Poland China boar for sale; twenty months old, and weighs 600 pounds; also young boars and gilts, W. A. Davis, Dermott, Ark.

Registered Big Type Spotted Poland China pigs, \$20. Herbert M. Grebe, R. 3, Rockport, Mo.

Big Type Poland China boar pigs, March farrow, grandson of Mo. Champion King Koe, \$15. Pedigrees furnished. S. C. Norris & Son, Ulrich, Mo.

Four bred Big Type Poland China boars, dam by Gertsdale Jones, sired by Ambassador by Cook's Liberty Bond; 8 gilts by Melba's Liberator, sired by Giant Tim 2nd, \$30 f. o. b. E. L. Young, Grandview, Mo.

Chester White pigs, 3 males and 3 females, 5 months, eligible to registry. Roberts E. Craig, Mansfield, Mo.

POULTRY—FOR SALE

Purebred White Orphington Cockerels, \$2; eggs, \$2 per setting, from winter laying strain. Mrs. Glendale Powell, Piggott, Ark.

Purebred Single Comb White Leghorns, early hatched and selected. Each, \$1.50. Dark Cornish hens, \$2 each. H. W. Fulbright, Marionville, Mo.

White Leghorn utility cockerels, \$3.50 each. Miss Jessie Stewart, King Mills, Ark.

February hatched Acona pullets, Kellogg's fine strain. Hens, \$1.50 each, \$20 per dozen. Cockerels, \$2.50 and \$3.50 each. Satisfaction guaranteed. J. Roy Whitt, Lock Box 642, McNeil, Ark.

Single comb White Leghorn cockerels ten weeks old; sire from a 236 egg hen. These are strong, long bodied birds at \$1 each. Your money back if not satisfied. Mrs. Clyde Adams, Gravette, Ark.

Langshan cockerels from trap-nested, 300 egg hens. These birds are ready to ship. Mrs. Nora Dawson, King Mills, Ark.

White Wyandottes, heavy winter layers. Eggs, \$1.25 per setting; \$6 per hundred, prepaid. 80 per cent fertility guaranteed. Fairview Wyandotte Egg Farm, J. E. Robinson, Pres., Aurora, Mo.

Cockerels from 200 to 236 egg strain, trap-nested S. C. Brown Leghorns, \$2 P. R. McBride, Lebanon, Mo.

Purebred S. C. White Leghorn Cockerels, March hatch, \$1. A. F. Billings, Lebanon, Mo.

S. C. White Leghorn cockerels hatched early, Young and Smith strains, \$1.50. H. W. Fulbright, R. 3, Aurora, Mo.

Barron's S. C. English White Leghorns; young hens, \$1.50; pullets, \$1; cocks, \$1.50; cockerels, 75c. Mrs. W. H. Graves, Fairfax, Mo.

S. C. White Leghorn eggs, 50c per 15, \$3 per 100; Young strain S. C. White Leghorn cockerels, 8 and 10 weeks, 75c. Mrs. W. B. Vest, Buckner, Mo.

Tom Barron White Leghorn cockerels sired by grandson of a 287-egg hen, \$1.75.

MISCELLANEOUS—FOR SALE

Will sell oil, gas and mineral lease on my farm of 140 acres, located in Sevier county, Arkansas. Mrs. W. L. Wright, Potis, Kansas.

For Sale—one new Champion peanut digger. This digger has never been used and the price is \$50 f. o. b. Lewisville, Ark. J. E. Mangus, Lewisville, Ark.

PLANTS—FOR SALE

Collard plants and strawberry plants, 25c per 100, \$1.50 per 1,000, delivered. Major Crow, Flowery Branch, Ga.

12 pure-bred Everbearing strawberry plants, by parcel post prepaid 24c. Miss Irissa Bartlett, West Milford, W. Va.

Beasley's Bunch Velvet Beans, \$2.50 per bushel. Special for large lots; orders taken now for fall delivery. M. T. Beasley, Kite, Ga.

MISCELLANEOUS

Will exchange a registered black jack, 8 years, 15 hands, good worker and breeder, for sheep, cattle, mules or mares. Birt Wills, Everton, Mo.

Will trade 40 acres of land for milk cows or heifers. D. Boone Osborn, Macks Creek, Mo.

Will exchange a farm for stock of merchandise. Write for particulars, Asa Johnson, Roy, Mo.

Will trade 160 acres improved farm for small poultry and dairy farm. Joe Bradley, R. 2, Phillipsburg, Mo.

Will exchange 80 acres timber land worth \$800 for Ford. Write for particulars. Lloyd Garrett, Taneyville, Mo.

Will trade a good 240-acre stock farm, two houses, barns, etc., 100 acres in cultivation and grass, all fenced. Wm. G. Richmond, Evening Shade, Mo.

Will exchange a storeroom and 7-room flat in New Baden, Ill., 32 miles

east of St. Louis, for farm of about same value, \$2,500. Thos. G. Dean, Steelville, Mo.

Will trade five room house, a barn and one and one-third acres of land, all taxes paid, in Westmoreland, Kansas, for an equity in an Arkansas farm. Wm. J. Fisher, Box 114, Leavenworth, Kan.

SEED—FOR SALE

White Dutch clover seed, 50c lb., \$25 bushel, delivered. Thos. H. Hewes, Oscar P. O., La.

Italian Rye-Grass

Italian rye-grass has about the same adaptations as rye or winter oats. Culturally it must be considered an annual, but individual plants will live two years or more. Sown in the fall it will make one crop of excellent hay early in summer. In Europe it is much esteemed and more than any other grass makes the commercial hay of Europe. Its growth is vigorous and rapid, and it will yield on the average 1½ tons of hay per acre in a single cutting, which is all that will ordinarily be obtained in the South, as it languishes in hot weather. The hay is of the highest quality for horses, and when well known should command the same price as timothy. This hay is already grown to a considerable extent in the South Atlantic States.

Italian rye-grass prefers sandy or sandy-loam soils, but thrives well on clay loams. Following it a crop of cowpeas can be grown the same season.

Seed of the Italian rye-grass may be obtained of the larger houses handling imported seed. Although most of the seed used in this country at the present time is produced in Europe, the price is reasonable, ranging from 6 to 12 cents per pound. A bushel of the seed weighs about 24 pounds, and from 20 to 30 pounds are required to sow an acre. This grass is almost invariably sown without a nurse crop.

The ground should be prepared for

The Home Orchard

A model orchard of both tree and bush fruits to cover approximately one acre of ground has been worked out by the Extension horticulturist, C. Woolsey, and J. R. Cooper, Experiment Station horticulturist. Arrangements are being made with nurseries whereby stock for these home orchards can be purchased in quantities much cheaper than it could be bought by the individual farmer.

Following is the variety with the number of trees which may be planted on the model home orchard of one acre:

APPLES

Early Summer

Red June 1
Early Harvest 1
Sweet Bough 1

Late Summer and Fall

Maiden Blush 1
Mother 1

Jonathan, except in extreme south and where native cedar is abundantly found. In this case substitute two winter varieties like Winesap 2
Grimes 2
Delicious 2

Fall and Winter

Ben Davis 2
Stayman 2
Winesap 3

Crab

Hyslop 1
Transcendent 1

Pears

Seckle 2
Kieffer 1
Garber 1

(Planted in back yard and left in sod)

Peaches

Mayflower or Mamie Ross 1
Late Crawford 1

Belle of Georgia 1
Elberta 1
White Heath Cling 1

Cherries

Dyehouse 1
Early Richmond 2
Montmorency 5

Plums

Wild Goose 2
Shoreshire Damson 2
Red June 1
Burbank 1
Abundance 1
Arkansas 1

Grapes

Campbell's Early (black) 2
Delaware (red) 4
Niagara (white) 2
Concord (black) 10

In the extreme southern part of the state plant Scuppernon (white) and James (black) instead of above varieties of grapes. Be sure and plant some male plants as this type of grape bears male and female flowers on different plants.

BLACKBERRIES

(Southern Part of State)

McDonald 90
Dallas or Austin Dewberry for pollination 8

(Northern Part of State)

El Dorado 50
Early King 24
Kittatiny or Snyder 24

RASPBERRIES

Red

King or Cuthbert 24
St. Regis 25

Black

Black Pearl or Gregg 24
Cumberland 25

The space represented is approximately one acre, the exact dimensions being 250x174 feet. This area is used merely as a guide for the number and variety to plant.

Sale Prices of Farm Products in Arkansas in July

Hogs (live weight) per 100 lbs.	\$6.45
Beef cattle (live weight) per 100 lbs.	3.08
Veal calves (live weight), per 100 lbs.	5.75
Sheep (live weight), per 100 lbs.	4.25
Lambs (live weight), per 100 lbs.	4.75
Milch cows, per head	36.00
Horses, per head	68.00
Milk (whole), wholesale, per gal.	.34
Milk (whole), retail, per gal.	.44
Wool (unwashed), per lb.	.10
Wool (washed), per lb.	.16
Apples, per bu. of 48 lbs.	1.40
Peaches, per bu. of 48 lbs.	1.50
Grapes, per lb.	.08
Peanuts, per lb.	.07
Beans (dry) per bu. of 60 lbs.	4.00
Sweet potatoes, per bu. of 55 lbs.	1.45
Tomatoes, per bu. of 56 lbs.	1.70
Cabbages, per 100 lbs.	2.75
Cabbages, per 100 head	5.00
Onions, per bu. of 57 lbs.	1.50
Timothy hay (loose), per ton of 2,000 lbs.	18.45
Clover Hay (loose), per ton of 2,000 lbs.	17.80
Alfalfa Hay (loose), per ton of 2,000 lbs.	18.80
Prairie Hay (loose), per ton of 2,000 lbs.	11.35
Clover seed (red), per bu. of 60 lbs.	12.50
Cotton seed, per ton of 2,000 lbs.	18.10
Eggs, per dozen	.18
Chickens (live weight), per lb.	.18
Chicks (spring)	.24
Cowpeas, per bu.	2.20
Cream, per lb. of butter fat	.31
The following are prices of products bought by farmers:	
Clover seed (red), per bu. of 60 lbs.	\$19.25
Bran, per ton	27.75
Cottonseed meal, per ton	35.65
Cottonseed hulls, per ton	10.90

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July 1921
UNIVERSITY OF ILLINOIS

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900.

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 3 No. 10 LITTLE ROCK, ARKANSAS October 1921

Arkansas in One Year Spent \$2,572,678 for Fertilizer Practice of Home-Mixing is Urged

FORTY-ONE thousand three hundred and thirty-eight of the 232,604 farms in Arkansas reported to the U S Census Bureau in 1919 the purchase of \$2,572,678 worth of fertilizer. This was an increase in values of nearly \$2,000,000, or 331.3 per cent, over 1909. A part of this increase is due to the higher prices prevailing at the time the census was taken. The tonnage report, based on the sale of tags, was 53,379 tons in 1919 as compared with 25,000 tons in 1909, an increase of only a little more than 100 per cent.



Big Arkansas Planter Shows How Use of Potash Prevents Cotton Wilt—Treated and Untreated Fields Are Here Shown in Contrast.

The distribution of fertilizer purchases by counties is interesting in that it indicates where the \$2,572,678 worth of fertilizer was sold. Columbia County used the greatest amount and Desha County the least, as is shown by the following table:

County	Farms Reporting	Amount Expended
Arkansas	82	\$ 7,378
Ashley	533	18,698
Baxter	40	1,157
Benton	807	74,752
Boone	123	4,905
Bradley	976	65,466
Calhoun	746	41,458
Carroll	288	14,668
Chicot	15	982
Clark	708	41,401
Clay	37	2,249
Cleburne	911	32,850
Cleveland	1,150	75,676
Columbia	3,049	309,768
Conway	1,212	62,299
Calhoun	86	6,533
Carroll	290	13,938
Crittenden	30	4,287
Cross	19	2,318
Dallas	724	38,111
Desha	5	106
Drew	841	29,370
Paulkner	1,994	75,808
Franklin	642	25,048
Fulton	175	4,831
Garland	208	8,926
Grant	445	24,026
Greene	42	2,927
Hempstead	1,753	117,461
Hot Spring	689	28,002
Howard	918	29,361
Independence	454	18,885
Izard	322	10,167
Jackson	123	5,532
Jefferson	240	12,139
Johnson	642	29,962
Lafayette	594	44,933
Lawrence	310	18,560
Lee	18	5,497
Lincoln	355	13,583
Little River	401	20,166
Logan	559	22,842
Loker	967	42,268
Ladison	31	2,851

Marion	12	360
Miller	626	46,540
Mississippi	26	11,626
Monroe	30	2,825
Montgomery	229	8,775
Nevada	1,742	180,479
Newton	11	188
Ouachita	1,022	70,775
Perry	134	5,493
Phillips	8	438
Pike	638	76,157
Poinsett	11	2,240
Polk	1,036	48,610
Pope	1,057	59,862
Prairie	162	8,578
Pulaski	609	88,267
Randolph	278	11,142
St. Francis	24	2,855
Saline	369	15,416
Scott	232	9,797
Searcy	36	1,493
Sebastian	531	36,952
Sevier	680	35,355
Sharp	516	18,673
Stone	76	2,125
Union	2,408	159,332
Van Buren	816	27,088
Washington	736	68,023
White	2,628	134,589
Woodruff	30	2,263
Yell	231	11,208

Except in some of the larger truck-growing districts, where the farmers have cooperative organizations through which they buy their supplies and sell their products, the bulk of the fertilizer used in Arkansas is ready mixed. Where communities can join together for the purchase of material in car lots it is much more economical to mix the fertilizer materials at home where labor is not so costly as in the city factories. To properly compound a fertilizer some knowledge of the chemistry of plant foods must be acquired and the farmer should understand thoroughly the character and needs of his soil. Without this knowledge and this understanding it would be better to use the factory-mixed fertilizers, which are dependable as to

composition and usually are helpful in that certain brands and formulas are prescribed for certain soils and crops.

To encourage the practice of home-mixing of fertilizer a bulletin has been prepared by Commissioner Ferguson of the State Bureau of Mines, Manufactures and Agriculture, giving the farmer instructions in the methods of mixing the various materials for application to the soil. This bulletin, which will be mailed to any farmer who may want it, recommends the purchase of the several ingredients needed in large quantities to save freight. When the materials are obtained they should be put under cover until ready for mixing. Then they should be sifted through a small mesh wire screen similar to that used in screening sand. All lumps that do not go through the screen should be crushed and rescreened or consigned to the compost heap.

A popular fertilizer for general farm use is made by taking ten 100-pound bags of high grade cotton seed meal and ten 100-pound bags of acid phosphate and putting them through the screen a couple of times before being thoroughly mixed by turning over with shovels. The fertilizer should be sacked as soon as mixed and stored in a dry place until it is convenient to put it on the land. Other mixtures can be made by varying the amounts of the materials used, according to the needs of the soil or the growing plants.

Potash can be bought either in the form of Kainit or Muriate of Potash. Phosphorus can be purchased in the form of ground rock, phosphate or acid phosphate, and nitrogen can be purchased in the form of nitrates, ammonia or cotton seed meal. These materials can be obtained directly from the manufacturers or importers or through the local agencies that handle ready-mixed fertilizers. In obtaining prices it is important to consider from

what point shipments will be made and to know the freight rate from that point to the nearest railroad station.

It is important first to know the needs of the soil. The chief function of nitrogen is to build up the frame work of the plant. Crops make the rankest growth on soils rich in nitrogen. If the cotton or corn is small of stalk, frail and sickly, the soil must be deficient in nitrogen. Phosphorus hastens maturity and makes fruit. If the cotton or grain is slow-growing and shows a tendency to produce small bolls, ears, or heads, the soil is probably lacking in phosphorus and its deficiency can be corrected by an increased application of acid phosphate or ground phosphate rock. Potash improves the health of the growing plant and enables it to resist disease and strengthen itself for the important work of reproduction. Weak and sickly plants indicate the need of potash.

While we are making extensive use of commercial fertilizers in the up-building of our soils let us not forget the value of barnyard manure and turned under crops of legumes. These are among the best of fertilizers and they are raised right on the farm with no freight to pay on them.

Another important soil corrective, and one which could be more extensively used in Arkansas because we have an abundance of the material, is ground limestone. While lime does not add plant food directly to the land yet it produces desirable chemical and physical changes which affect the growth of the plant. Lime neutralizes acids in sour soils and improves the texture of the seed bed.

No systematic plan of soil building can be undertaken without considering, along with the application of fertilizer, the use of lime and the plowing under of green crops, a program of crop rotation which will give the soil a chance to rest. More Arkansas soils have been worn out by a continuous one-crop cultivation than from any other one cause.

What we want to do to make our land more productive is to change our crops around so that the soil will not get tired out; feed the soil liberally by putting back some of the plant food that we take away, and if doctoring is needed, to give the right medicine, that is the right kind of fertilizer, and if we have to buy these fertilizers, let us buy the best at the lowest prices the market will permit.

Every farmer should have a copy of the new Fertilizer Bulletin. It will be sent on request.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

STATEMENT OF OWNERSHIP, MAN- AGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

Of Arkansas Farm and Marketing Bulletin
published monthly at Little Rock, Ar-
kansas, for October, 1921.

STATE OF ARKANSAS) ss.
COUNTY of Pulaski,)

Before me, a Notary Public in and for
the State and county aforesaid, personally
appeared Jim G. Ferguson, who, having been
duly sworn according to law, deposes and
says that he is the editor and publisher
of the Arkansas Farm and Marketing Bulle-
tin, and that the following is, to the best
of his knowledge and belief, a true state-
ment of the ownership, management (and if
a daily paper, the circulation), etc., of the
aforesaid publication for the date shown
in the above caption, required by the Act
of August 24, 1912, embodied in section
443, Postal Laws and Regulations, printed
on the reverse side of this form, to-wit:

1. That the names and addresses of the
publisher, editor, managing editor, business
managers are:

Publisher—Jim G. Ferguson, Little Rock, Ar-
kansas.

Editor—Jim G. Ferguson, Little Rock, Ar-
kansas.

Managing Editor—None.

Business Managers—None.

2. That the owners are: (Give names
and addresses of individual owners, or,
if a corporation, give its name and the
names and addresses of stockholders own-
ing or holding 1 per cent or more of the
total amount of stock).

Published by the State Bureau of Mines,
Manufactures and Agriculture for the State
of Arkansas.

3. That the known bondholders, mortgages
and other security holders owning or hold-
ing 1 per cent or more of total amount
of bonds, mortgages, or other securities
are: (If there are none, so state).

None.

JIM G. FERGUSON,

Signature of Editor and Publisher.

Sworn to and subscribed before me this
2nd day of September, 1921.

T. F. DIGBY,

Notary Public.

My commission expires May 7, 1924.

Arkansas Gets Liberal Allot- ment of Government Picric Acid.

Congressman Tillman B. Parks
writes Commissioner Ferguson from
Washington that he has made inquiry
regarding the distribution to farmers
of 12,500,000 pounds of picric acid,
an explosive suitable for removing
stumps, blasting rocks and opening
ditches, and has been advised that it
will cost the users an average of about
10 cents a pound for packing and
freight. Picric acid is one-third more
powerful, pound for pound, than the or-
dinary commercial explosives the price
of which is quoted by Little Rock
dealers at from 21 to 23 cents a pound.
Thus it will be seen that a considerable
saving is to be made, especially on
large orders. The government limits
sales to 1000 pounds to any one person
or farm.

The allotment to the various states
was made on the basis of the acreage
of cut-over land. Arkansas having 13,-
893,000 acres of such land was allotted
744,000 pounds. Only two other states,
Alabama and Georgia, get greater
amounts.

The picric acid is stored at Sparta,
Wisc., and Ft. Wingate, N. M. The
freight rate from Sparta to Arkansas
points should not exceed 2½ cents per

pound, nor 4 cents from Ft. Wingate.
The weight of 100 pounds of picric
acid when packed for shipping will be
125 pounds when shipped from Sparta
and not to exceed 140 pounds from Ft.
Wingate. There are no stocks at the
abandoned picric acid plant in Little
Rock.

The allotments will be held for the
use of the several states until May,
1, 1922. The distribution will be made
in each state through the Agricultural
College and applications may be placed
with the county farm agent, or direct-
ly with the director of the Extension
Division, M. T. Payne, Southern Trust
building, Little Rock.

The co-operating agencies will se-
cure individual orders, consolidate
them into carload orders and forward
the latter to the Bureau of Public
Roads, U. S. Department of Agriculture
Washington, D. C. The bureau cannot
receive individual orders or remit-
tances. No orders for less than a
minimum carload will be accepted, the
freight rates on less than carload lots
being such as to render the cost but
little if any less than that of commer-
cial dynamite.

Each carload order must be accom-
panied by a draft for the cost of pre-
paring and shipping the picric acid,
the cost of cartridging being 6 cents
a pound and the allowance to cover
the cost of collecting the orders, dis-
tributing the shipments and demon-
strating the use of the explosive, one
cent a pound. Under this arrangement
the cost should not exceed 9½ cents
a pound from Sparta and 11 cents a
pound from Ft. Wingate. Earlier ship-
ments will be made from Sparta. The
full amount, including freight charges,
should be collected at the time the
order is placed.

Picric acid should be detonated with
a No. 8 cap, either an ordinary blast-
ing cap or an electric blasting cap.
This is a larger size than is usually
carried by dealers and a supply should
be ordered from a dealer or manufac-
turer at the same time the picric acid
is ordered. The government has no ac-
cessories for distribution.

Something About Picric Acid

Picric acid is a high explosive which
was used in large quantities by this
and other countries during the world
war. Because of its high cost of man-
ufacture, its insensitiveness, and its
rapidity of detonation it cannot be
classed as an agricultural explosive;
but as a salvaged war material its use
is recommended to those farmers who
can obtain it at a cost less than that
of commercial explosives. It has been
prepared for distribution by drying
and packing in double-dipped parafined
cartridges weighing six ounces. The
cartridges are packed in wooden boxes
each containing 100 pounds of picric
acid.

Picric acid is a comparatively safe
high explosive. It is more insensitive
to shock or impact and to friction
than are the commercial explosives,
but it is slightly more sensitive to
shock than TNT. Picric acid is diffi-
cult to ignite and will burn, at least

in small quantities, without exploding.
Theoretically picric acid in the pres-
ence of certain metals will form danger-
ous compounds, but co-operative tests
indicate that no danger will be in-
volved in using picric acid in soils
containing lime or iron. However,
picric acid is a high explosive and as
such should be treated with great re-
spect. It should not be exposed to fire
or flame and no metals should be allow-
ed to come in contact with it.

So far as ordinary handling is con-
cerned, picric acid has no toxic or
poisonous effects. It can be used in
any open air blasting operations and
will not cause headaches or other ill
effects.

A cartridge of picric acid, as it has
been prepared for distribution, weighs
about six ounces and is about equal in
strength to an eight-ounce cartridge
of the commercial dynamites used for
agricultural blasting. That is, six
ounces of picric acid will do approxi-
mately the same amount of work as
eight ounces of commercial dynamite.

Picric acid is not affected by the
ordinary temperatures which will be
encountered in agricultural blasting.
In the tests made co-operatively by
the agencies mentioned above car-
tridges of picric acid were placed in a
freezing mixture of ice and salt. The
cartridges were left in this mixture for
about six hours, at the end of which
time a thermometer in the mixture
registered six degrees Fahr. These
cartridges were then immediately fired,
and were apparently as completely de-
tonated with a No. 8 detonator as was
the case at normal temperatures.

The sensitiveness of picric acid de-
creases with increased moisture con-
tent, so that care should be taken to
store the picric acid in a dry place.
However, the cartridges of picric acid
as prepared for distribution can be
left in moist earth for several hours,
without loss of sensitiveness or
strength. It can be stored for long
periods in dry places without deteriora-
tion.

For stump and rock blasting picric
acid can be used in exactly the same
way as dynamite is used. The charges
should be placed in the same manner,
and the same number of cartridges
should be used in the charge as in
the case of dynamite. For blasting
ditches, the electric method of firing
must be used because the picric acid
is so insensitive that it will not propa-
gate.

Detailed information and instruc-
tions as to the use of picric acid in
stump blasting can be secured by ap-
plication to the Bureau of Public Roads
Department of Agriculture, Washing-
ton, D. C.

Sale Prices of Farm Products in Arkansas in September

	Sept.
Hogs (live weight) per 100 lbs....	\$6.50
Beef cattle (live weight) per 100 lbs.	3.30
Veal Calves (live weight) per 100 lbs.	4.80
Sheep (live weight) per 100 lbs	3.60
Lambs (live weight) per 100 lbs	4.95
Milk cows, per head.....	34.00
Horses, per head	62.00
Milk (whole), wholesale, per gal	.35
Milk (whole), retail, per gal.....	.44
Honey (comb) per lb. ....	.19
Honey (extracted) per lb. ....	.18
Wool (unwashed), per lb .....	.10
Wool (washed) per lb. ....	.16
Apples, per bu. of 48 lbs.	1.60
Pears, per bu. of 48 lbs.	1.75
Grapes, per lb. ....	.10
Peanuts, per lb. ....	.07
Beans (dry), per bu. of 60 lbs....	3.75
Sweet Potatoes, per bu. of 55 lbs.	1.20
Tomatoes, per bu. of 56 lbs.	1.50
Cabbages, per 100 lbs.....	3.40
Onions, per bu. of 57 lbs.....	1.60
Timothy Hay (loose) per ton of 2,000 lbs.	13.50
Clover Hay (loose) per ton of 2,000 lbs.	13.00
Alfalfa Hay (loose) per ton of 2,000 lbs.	15.00
Prairie Hay (loose) per ton of 2,000 lbs.	8.50
Cotton Seed, per ton of 2,000 lbs	25.00
Eggs, per doz. ....	.25
Chickens (live weight) per lb.....	.16
Cowpeas, per bushel	1.75
Cream, price per pound of butter fat .....	.33

Following are prices of products
bought by farmers:

Clover Seed (red) per bu. of 60 lbs.	14.00
Timothy Seed, per bu. of 45 lbs....	5.00
Alfalfa Seed, per bu. of 60 lbs....	12.70
Bran, per ton	24.00
Cottonseed Meal, per ton	39.00
Cottonseed Hulls, per ton	9.50

Motor Power, Water and Light on Arkansas Farms.

The 1920 census report shows that
15,401 farms in Arkansas, or 6.6 per
cent of the total number of farms in
the State had 16,408 automobiles.
Nine hundred and twenty-three, or 0.4
per cent of farms had 1027 motor
trucks. Fourteen hundred and twenty-
three, or 0.6 per cent of farms, report-
ed 1822 tractors. Telephones are re-
ported by 52,869 farms, or 22.7 per
cent of the total. Water systems are
reported by 1780 farm homes and gas
or electric light by 2643.

New Census Figures for Arkansas Show Big Increase in Farm Assets

Items	1920	Per Cent Increase or Decrease
Number of all farms	232,604	8.4
Approximate land area of the state, acres.....	33,616,000	.....
All land in farms, acres	17,456,750	0.2
Improved land in farms, acres.....	9,210,556	14.0
Woodland in farms, acres	7,396,028	-13.1
Other unimproved land in farms, acres	850,166	2.6
Per cent of land area in farms	51.9	.....
Per cent of farm land improved	52.8	.....
Average acreage per farm	75.0	.....
Average improved acreage per farm	39.6	.....
Value of all farm property.....	\$924,395,483	131.0
Land	607,773,440	147.0
Buildings	145,337,226	130.2
Implements and machinery	43,432,237	157.5
Live stock	127,852,580	72.6
Average value per farm:		
All farm property	3,974	113.2
Land	2,613	128.0
Buildings	625	112.6
Implements and machinery	187	.....
Live stock	550	59.4

The minus sign (—) denotes decrease. The only decrease shown is in the acreage of
woodland in farms.

Homeseekers Who Want to Buy Arkansas Farms

"Will you please send me literature about agriculture in your state, also the selling price of good farm land." is a request received from C. C. Davis, 1838 Towanda Ave., Akron, Ohio.

E. Martin of Caddo, Col., wants information about farm lands in north west Arkansas. He is particularly interested in securing information about the productivity of the land and the amount usually cultivated by the average farmer. Mr. Martin is employed by a railroad company but he believes that a little farm in Arkansas would bring more contentment and a better income than a seven day a week job on the railroad.

Sarah A. Miller, Rolla, Kan., requests a state map and literature about Arkansas.

E. Browne, 2800 St. Mary's Ave., Hannibal, Mo., writes that he contemplates moving to Arkansas in December and would like to get information about the kinds of crops grown down here and also information about the rainfall.

"Will you please send me a homeseeker's guide" writes S. O. Odell, 4511 Fulton St., Chicago, Ill.

"I believe you have just the country that I have been looking for," writes Frank Sterling, 296 Madison St., Chicago.

George R. Stephen, 1211 California St., Everett, Wash., requests information about climatic and health conditions in the grain-growing section of Arkansas.

W. J. Anderson, Box 91, Route 3, El Dorado, Kan., requests information about Arkansas land suitable for agriculture.

"I would be pleased to have any information that your office can furnish relative to farming opportunities in your state. I am particularly interested in the country around Clarksville in Johnson County," writes Frank Bennington, 1060 Edison Ave., Akron, O.

"I am thinking about taking a trip to Arkansas with the intention of buying land for a home and I would like to have any information that you can give me," writes W. J. Dooley, Lawler, Ia.

Ralph Davis, 220 South Alabama St., Okmulgee, Okla., requests information about homestead lands.

H. B. Ransom, 1810 Herschell St., Jacksonville, Fla., requests information about the Ozark Mountains.

David S. Knisley, Sklatook, Okla.,

requests information about homestead lands in the Ozark mountains.

"Will you kindly send literature about Arkansas? Also matter referring to state land, cut-over land and general farming land for sale cheap. What sections of the state have mineral and gas," writes W. O. Bacon, 373½ West First St., Elmira, N. Y.

"I would appreciate information concerning agricultural conditions and the character of the soil in the counties of Yell, Pope, Logan and Perry. I am especially interested in land suitable for cattle raising. I would like to learn something about the value of improved farms, and I would like to hear from owners and real estate dealers," writes R. A. Wooten, Box 60, West Point, Miss.

D. C. Martin, 372 N. Cicero Ave., Chicago, Ill., requests information that would be useful to homeseekers.

R. W. Hutchinson, R. 3, Marceline, Mo., is interested in finding a limestone farm in Arkansas where dairying could be carried on profitably.

Joe Nelson, Riscoe, Mo., is in the market for 160 acres of bottom land in Arkansas.

P. L. Johnson, 1735 West Madison St., Phoenix, Ariz., is thinking of coming to Arkansas and engage in the poultry business, specializing in turkeys.

"Will you kindly send map and literature to my brother Floyd E. Harker, R. 1, Box 60, Adel, Ia. He is interested in central and northwest Arkansas. I would be interested in hearing from parties who have a small improved or partly improved farm for sale," writes Fred Harker, Lock Box 91, Woodard, Ia.

Thomas F. Thornton, 2926 Arnold St., Detroit, Mich., requests maps and other literature about Arkansas.

A. Ford, Box 282, Mayfield, Ky., requests literature about Arkansas.

J. W. Novotriy, Dover, Del., writes as follows: "I am interested in Sevier and Little River Counties; I want to locate in the lime belt and would rather invest my money in land rather than railroad fare looking for it. I would like to know something about the soil around De Queen."

J. R. Twombly, 1548 W. 1st St., Santa Ana, Cal., wants information about Baxter County land suitable for farming purposes.

T. E. Wooten, Box 58, Avant, Okla., wants information about land in Baxter, Madison, and Newton Counties.

FARMS FOR SALE

A sheep and goat ranch for sale—160 acres fine pasture land. Farm adjoins government forest land where there is plenty of range. Will sell cheap. J. W. Gocher, Potter, Ark.

A Good Farm in White County.—One hundred and fifty-five acres with 100 acres in cultivation, rest of land is in timber. Five-room house and small barn. Will sell for \$3,500 cash. John E. Wells, R. No. 2, Batesville, Ark.

A Van Buren County Farm—72½ acres with 40 acres tillable, 20 acres in cultivation. Three-room house, good water, healthy location, mail route. Price \$600, cash \$200, balance on good terms. J. W. Crow, Scotland, Ark.

Eighty Acres for Sale.—Fifty acres in cultivation, balance in timber and pasture. The soil is suitable for corn, cotton and all kinds of truck and fruit. Farm is located seven miles from Amity but it is on a public road and there is a school and church nearby.

Price \$20 per acre. O. E. Callaway, Amity, Arkansas.

A Seventy-eight Acre Farm in Green County.—All land in creek bottom, well drained and does not wash. Sixty-five acres in good state of cultivation, soil will grow good corn, cotton, wheat or almost any other crop suitable for this climate. Have a six-room house. Will sell at a bargain with the farm two teams of horses, two wagons, farm implements, four cows, twelve hogs and plenty of feed. Price of the farm is \$6000. There is a Federal farm loan of \$2000 against the place. D. R. Shearer, Holliday, Ark.

A Benton County Farm for Sale or Trade.—One hundred and forty-three acres; one hundred acres level land. Five acres in strawberries, apples, cherries and plums for home use. Good springs, 100,000 feet of saw timber; price \$3,500, or will trade for a small farm. A. G. Clarkson, Deatur, Ark.

One Hundred and Sixty Acres.—In Lincoln county, six miles northwest of Star City. Sixty acres in cultivation, seventy acres fenced, remainder covered with oak, gum and hickory timber; watered by two wells and a creek; half of land in creek bottom; one house with six rooms and another house with four rooms; located about three-fourths of a mile off good road. Price \$2000 cash. V. O. Parnell, Rest, Ark.

Two Hundred Acres of Farm and Timber Land.—Ninety acres cleared, on pike and mail route, near school and church, 3½ miles of limits of a city of 25,000 population. A bargain at \$40 per acre; part cash. A. R. Bowyer, R. 1, Pine Bluff, Ark.

For Sale—1,700 acres of cut-over mountain land in Van Buren county. Land is suitable for stock raising. Price for quick sale \$2.25 per acre. H. V. Sewell, Little Rock, Ark.

Yell County Farm for Sale or Trade.—Eight acres in orchard, one acre of strawberries, blackberries, dew berries, two-room house, good shade trees; fine view of surrounding country; a fine place to raise chickens and pigs. Price \$400. D. W. Loudonback, Ola, Ark.

Forty Acres of Land in the Ozarks.—Twenty acres in cultivation and twenty acres in pasture and timber. The soil is a light sandy loam. Have 550 apple trees, 50 peach trees and cherries; one-fourth acre of strawberries and a few grapes for home use. Good three-room house, smoke house and a good barn, good water. Plenty of free range for livestock. Price \$800 cash. A. L. Johnson, R. 1, Cane Hill, Ark.

One Hundred and Twenty Acres on Boston Mountains.—About half way between Russellville and Harrison. Farm is near Jefferson highway; sixty acres cleared, balance in timber; good three-room house, barn, chicken house and corn crib; two good springs near the house. For quick sale I will include crops, two horses, wagon, milk cow, chickens and ucks. Price \$15 per acre. T. A. Tasker, Lenton, Ark.

A Good Farm in Faulkner County.—One hundred and forty acres about 22 miles from Conway. Nearly all under fence, pastures and fields divided by cross fences. About 40 acres in cultivation, balance in timber, meadows and pasture. Small creek runs through the farm and furnishes everlasting water. Two sets of improvements large barn, three wells, orchard. A good farm for raising fruit or livestock. Owner in poor health and wants to leave farm. Will sell for \$1,250. \$250 down and balance for annual payments of \$250 with interest at 10 per cent. W. K. Rhoades, Greenbrier, Ark.

Hundred and Sixty Acres of Upland.—100 acres in cultivation; two sets of buildings, one six-room house; plenty of water, good orchard, a tame grass pasture of 10 acres. Farm is located eight miles from Heber Springs, the county seat. Price \$4000. Terms. R. M. Sloan, Pearson, Ark.

A Good Farm in Van Buren County.—22 acres; three sets of buildings, house of four rooms, tenant house has two rooms, good barn, drilled well, one spring. Forty acres in orchard. Farm is fenced and cross fenced. Lots of timber, red oak and hickory. An ideal mountain farm suitable for general farming and stock raising. For sale cheap if taken at once. S. A. Kieth, Ella, Ark.

Bottom Land on North Fork River.—154 acres of which 100 acres are in cultivation. Fifty acres in low bottom and 50 acres second bottom but does not over-flow. Two sets of improvements on farm. Wire fence. One and one-half miles to post office. Eight miles to county seat. Price \$32 per acre. C. C. Smith, Henderson, Baxter Co., Ark.

Eighty Acres in Hot Springs County.—Thirty-five acres in cultivation, bal-

ance in timber. Sandy loam soil. Good three-room house and large barn. Fine water and good stock range. Two and one-half miles to railroad station. Price for quick sale \$1800. G. H. Cooper, Lono, Ark.

An Ideal Ozark Dairy Farm—Near Ott, for sale or exchange. Seventy six acres, all fenced, 71 acres tillable, 45 acres in cultivation, four acres creek bottom black land. Large and new frame barn, good three-room house well at door; cistern near barn, stock pond, also clear creek; new concrete cellar, implement shed, small orchard; one-half mile to church and school; one mile to post office. Price \$17.50 per acre, part on long time payment. John Y. Price, Bakerfield, Mo.

A Johnson County Farm.—One hundred and sixty acres nine miles northeast of Clarksville, altitude about 1000 feet. Eighty acres level, balance somewhat broken but suitable for fruit growing. Thirty acres in cultivation, good house, two fine springs of everlasting water. Will sell on terms. Price \$2000. G. O. Patterson, Clarksville, Ark.

A Forty Acre Farm.—20 acres cleared balance in timber, lasting water. Small orchard. House and out building. Price \$650. E. G. Archer, Huddleston, Ark.

Sixty-eight Acres of Bottom Land.—Rich sandy loam soil, unimproved. Price \$1000. E. L. Presley, Okolona, Ark.

Carroll County Farm.—160 acres. Owner is getting old and will sell all or half of this farm on easy terms. Write to Wm. Kruger. R. F. D. Berryville, Ark.

Craighead County Farm.—Forty acres, about 20 acres in cultivation, balance in good timber. Valley land, no rocks, no hills. Good frame house, with five rooms, fine water, good orchard. This is an ideal place to live. Price \$2750 on terms. W. A. Toles, Nettleton, Ark.

An Eighty Acre Farm in Yell County.—Forty-five acres fenced with wire, 35 acres in cultivation, 10 acres in pasture and the balance is in timber. Farm is one-half mile from school, four miles from postoffice and sixteen miles from railroad. Three room house and barn. Price \$1000 cash or terms. Albert Yates, Onyx, Ark.

Stock and Fruit Farm.—240 acres in the Ozarks, one mile from Hardy a railroad town. One hundred acres fenced, 35 acres cleared, 10 acres in Elberta peach trees. Land is suitable for corn, hay, cotton and other crops. Price \$25 per acre. W. H. Porter, Hardy, Ark.

For Sale or Trade For a Farm.—One twenty-room modernly equipped hotel. Has individual light and water system. Hotel Wheatley, Wheatley, Ark.

A Pulaski County Farm.—Forty acres sandy soil; hog tight fence, two-room house, good barn, sweet potato house with 600 bushels capacity; good well of water. Land makes fine sweet potatoes, melons and other vegetables. Farm is located 10 miles south of Little Rock, one mile east of Arch Street Pike. W. H. Bowman, 811 Beech St., Little Rock, Ark.

A Farm in Northwest Arkansas.—There are 40 acres, of which 35 acres are in apples, the trees are 17 years old. This farm is located one mile from shipping point. Price \$4,500. On terms. U. A. Hill, Route 3, Bentonville, Ark.

A Clay County Farm.—366 acres, 225 acres in cultivation, 75 acres in pasture. Balance of the land is suitable for corn, wheat, oats and cotton. Practically all the land is fenced. Has two houses, three barns, three tenant houses, several cribs, hay and tool sheds. Tools and farming implements, including two tractors. Live stock and fine orchards. Price \$125 per acre, good terms. E. A. Kelley, Corn- ing, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

FOR SALE—CATTLE

Registered Shorthorn bull calf, eleven months old. Also some grade calves. W. L. Shipman, Viola, Ark.

Registered Red Bull calf, eight months old. Also registered roan bull calves eight and ten months old. All in fine condition. W. C. Conaster & Sons, Ozark, Ark.

Registered Shorthorn bull, four years old; several young bulls six months to twelve months old; Polled Durham bull, three years old. E. E. Mitchell, Morrilton, Ark.

A Hereford bull and heifer about seven-eighths pure breeding. Will trade for a Ford car in good condition. Eugene C. Hankins, Prattsville, Ark.

Car of high grade Hereford cows with calves at side. Calves not counted. W. E. Miller, Gurdon, Ark.

One Jersey bull age three years, write J. W. Harris, Paris, Ark.

We have some fine Jersey bulls coming two years old which we offer for \$150 each. L. W. Forbes, Hackett, Ark.

Registered Jersey bull for sale; price \$75. Ready for service. W. Arthur Jones, Paragould, Ark.

Registered Jersey heifers, bred to freshen in November. Noble and Oakland breeding and bred to our Eminent bull. Price \$100 each. W. Arthur Jones, Paragould, Ark.

One registered Holstein heifer of the Krondike strain, one month old, I will also sell the mother of this calf. Ira L. Haney, Lincoln, Arkansas.

One high grade Jersey bull three years old, weighs 1400 pounds. Price \$80. Two good milk cows with calves, \$40 each. A. B. Shockley, Slocumb, Ark.

Four registered Shorthorn cattle; two cows, two bulls. Wm. M. Slinkard, R. 5, Jackson, Mo.

Registered Jersey Sale—Consignment sale by some of the best breeders in Jasper County, Missouri, 60 head of registered Jersey cattle at Carthage, Mo., Monday, October 24th. Bred and unbred heifers and young cows; 35 young heifers just right for Calf Clubs. For catalogues and information address E. G. Bennett, Carthage, or B. C. Settles, Sales Manager, 6155 Westminster Place, St. Louis.

FOR SALE—HOGS

Big Bone Poland China hogs, boars tried sows and gilts and lots of pigs. Write for prices. W. F. Easley, Rogers, Ark.

Purebred Big Bone Poland China pigs subject to registry. Satisfaction guaranteed or money back. Price \$15 each. J. C. Robinson, Aurora, Mo.

Twenty Duroc Jersey pigs, one gilt one year old, one sow three years old. All priced to sell. Miss Augusta Thoeer, Marehe, Ark.

Duroc Jersey Boar, registered. Price \$50 crated and F. O. B. Geo. L. Barker, Mountain Home, Ark.

Lady Ben No. 905908. This sow was sired by Matchless Buster No. 351945. She is not in heavy flesh since seven pigs were just weaned but she is gentle and easy to handle. Her first litter of six sow pigs and one boar sold for \$125. A. G. Gray, Mena, Ark.

Two registered Big Type Poland China boars, weight 250 pounds each. Nine months old. Grandsons of Wonder Buster. Price \$40 each. W. Arthur Jones, Paragould, Ark.

Duroc Jersey pigs, three months old. Subject to registration, papers furnished, pigs of either sex, \$12.50 each. Will also sell my stock hog for \$50. T. J. Green, Jr., Hardy, Ark.

Eight purebred Poland China pigs,

farrowed May 27, \$10 each; four gilts and four males. J. H. F. Powell, Ward, Ark.

FOR SALE—GOATS AND SHEEP

High grade Angora goats for sale, also high grade Shropshire sheep. W. A. Johnson, Mayfield, Ark.

Angora bucks and nannies. R. E. Mitchell, Morrilton, Ark.

Seventy-five head of goats, mostly Angoras, price \$2.50 per head. J. W. Gotcher, Potter, Ark.

One registered Shropshire buck and high grade Angora goats for sale. Warren Johnson, Mayfield, Ark.

High grade Shropshire bucks; also high grade Angora bucks and high grade Angora does for sale. Ewing-Johnson, Mayfield, Ark.

Toggenberg buck kids, naturally hornless, price \$10 each. W. C. Dauph. Marshall, Ark.

Milk goats one-half and three-quarters pure Toggenberg breed. Price \$6 to \$20 each. T. R. Reeves, R. 2, Shirley, Ark.

Will sell my Angora goats or exchange them for sheep. Emilc Roth, Williford, Ark.

Would like to exchange Hampshire ram for one of same breed. W. E. Miller, Gurdon, Ark.

FOR SALE—JACKS AND JENNETS

One jack four years old; one jack three years old; one jack two years old, one jack seven months old. Two jennets seven years old; three jennets three years old; three jennets two years old. E. E. Mitchell, Morrilton, Ark.

FOR SALE—HORSES

A pair of matched grays draft stock coming seven years old. Three bay horses coming six years old, weight 800 to 1000 pounds each. Geo. L. Barker, R. 2, Mountain Home, Ark.

WANTED TO BUY—LIVESTOCK

I am in the market for registered Holstein calves, one month to one year old. Clarence Young, R. 1, Waldron, Ark.

I want to buy a few cars of good feeder hogs. R. W. Moore, Black Rock, Ark.

Wanted to buy a registered Red Polled, White Face or Durham bull calf. C. N. Elliott, Cedar Creek, Ark.

Wanted, yearling red bull calf. Murrell Johnson, Sonora, Ark.

WANTED—MISCELLANEOUS

Wanted to buy Crimson clover seed, red clover, alfalfa, bur clover seed. F. W. Swann, county agent, Marksville, La.

Wanted to buy seed wheat. J. E. Critz, county agent, McCrory, Ark.

Wanted bur and red clover seed. C. E. Hester, county agent, Lake Providence, La.

FOR SALE—POULTRY

Purebred White Wyandotte eggs for hatching, 80 per cent fertility guaranteed. Price \$1.25 per setting. J. C. Robinson, Aurora, Mo.

Three pens of Single Comb White Leghorns for sale at \$6.50 per pen, of one cock and five hens. Two pens to one address for \$9.00. Two pens of Single Comb Brown Leghorns \$6.50 per pen, or both to one address for \$9.00. Single Comb White Leghorn cocks and cockerels bred for utility, price \$1.50 to \$10 each. S. E. Martin, Franklin, Ark.

Purebred Single Comb Brown Leghorn cockerels f. o. b. Greenwood, \$2.00 each. T. C. Harris, R. 1, Greenwood, Ark.

Ancona pullets, Kellogg's strain Feb-

ruary hatched, big husky birds that are bred to lay. They must please or the buyer may send them back. Price \$20 per dozen. Cockerels \$2.50 each. J. Roy Whitt, Box 642, McNeil, Ark.

Purebred Rhode Island Red cockerels, \$2.00 each. Mattie E. Smith, Meg, Ark.

Ringlet Barred Rocks, pullets \$2.50, cockerels \$2.50 each. Lorena Finley, Hartford, Ark.

Single Comb Brown Leghorn cockerels hatched in March. Price \$1.00 to \$2.00. Silver Spangled Hamburg cockerels \$1.50 to \$2.50. Mrs. W. F. Sudmeyer, R. 1, London, Ark.

Mammoth Bronze Turkey Toms, eighteen months old and fine fellows for \$20 and \$25 each. Turkey hens \$7.50 each. S. E. Martin, Franklin, Ark.

For sale Single Comb White Leghorn cocks bred for utility. Price \$1.50 each. If they do not please send them back. C. N. Elliott, Cedar Creek, Ark.

Eight White Pekin ducks, hatched in April. \$10 f. o. b. Springdale, or \$3 a pair. Murrell Johnson, Sonora, Ark.

SEED—WANTED

Abbruzzi rye seed. Quote prices delivered, his station. H. W. Baskin, Strong, Ark.

Ala. Blue Stem seed wheat. H. T. Brown, Old Court House, Little Rock, Ark.

Two hundred to three hundred bushels good seed wheat. J. E. Critz, McCrory, Ark.

FOR SALE OR TRADE MISCELLANEOUS

Wanted to exchange a cream separator for Jersey calves, or for sweet clover, rye or bur clover seed. Samuel J. Barber, Havana, Ark.

For sale or exchange one 25-50 Aultman & Taylor tractor practically as good as new. I have quit farming and will sell this tractor cheap. M. S. Core, Stuttgart, Ark.

For sale Dahlia roots field grown clumps for seventy-five cents each during the month of November. Will exchange Dahlia roots for shrubs of equal value. Mrs. Nettie W. White, R. 1, Belleville, Ark.

For sale or trade town lots in Harrison. Property is located about five blocks from court house. W. J. Hankins, Prattsville, Ark.

Apple and peach trees 15 cents to 25 cents each. Will exchange for Duroc Jersey pigs. W. E. Lankford, Bergman, Ark.

For sale all kinds of cabbage plants. Major Crow, Flowery Branch, Ga.

For sale 1000 bushels of Ferguson No. 71 oats; also Fulghum oats and 300 bushels of Abbruzzi rye. N. P. O'Neal, Hope, Ark.

Bargain—12-24 LaCrosse Tractor, J. I. Case Gang, Portable Saw Mill, American shingle mill, planer, log-wagon, all complete practically new, first class condition machinery at Sidney. Sharp Co., Arkansas. Any part sold separately. Write Homer A. Bruce, Success, Arkansas.

I will send by express or postage paid 20 pounds of dried apples for \$3.75. Bern. Carlock, Springdale, Ark.

Three thousand gallons of pure sugar cane syrup cooked without chemicals. Price \$3.60 per crate of six No. 10 cans. Ready for shipment about December 1, f. o. b. Montpelier, La.

We can furnish snap and shelled corn. Write for prices. Arkansas Mill & Grain Co., Hoxie, Ark.

Arkansas Breeders Who Have Purebred Stock For Sale

Those who are in the market for purebred animals will find this list of Arkansas breeders useful in locating breeders who can supply them. The list was prepared by T. Roy Reid, specialist for the Extension Division, Little Rock, Ark.

HOGS

Poland Chinas—Lybrand, J. L., Malvern, Rt. 1; Ray, G. W., Malvern, Rt. 1; Clem & Hutchins, Malvern, Rt. 1; Fisher, A. B., Eureka Springs; Murphy, J. P., Eureka Springs; Greer, Ben F., Eureka Springs; Phillips, T. S., Urbanette; Shirk, L. O., Berryville; White, O. A., Green Forest; Beck, Berl, Green Forest; Beck, Oscar, Green Forest; Jones, A. L., Alpena; Gullett, S. V., DeBerrie; Gregory, W. M., Dermott; Gay, C. L., Portland; Fearing, B. F., Hamburg; Dodd, T. M., Portia; Thompson, E. T., Hartman; Paxon, Henry, Knoxville.

Duroc Jerseys—Senter, H. M., Eureka Springs; Ellis, C. F., Eureka Springs; Fuller, C. A., Eureka Springs; Floyd, Lee, Eureka Springs; Pendergraft, M. M., Busch; Walden, Tom J., Busch; Maples, J. S., Berryville; Allen, Jno. Q., Perryville; Gregory, W. M., Dermott; Cracraft, G. K., Readland; Fearing, Ben F., Hamburg; Crow, Feese, Crossett; Stuart, S. W., Portia; Wells, F. S., Imboden; Paxton, Henry, Knoxville; Parker, E. O., Berryville. Berkshires—Cerleman & Swope, Beaver; Gibbs, Bros., Rawls.

Hampshire—Walsh, O. Z., Hamburg, Rt. 1; Fearing, B. F., Hamburg.

CATTLE

Jerseys—Clem & Hutchins, Malvern; Pinkley, J. A., Eureka Springs; Greer, Ben F., Eureka Springs; Ward, W. C., Eureka Springs; Ripley Bros., Eureka Springs; Floyd, Lee, Eureka Springs; Parker, E. O., Berryville; Pritchard, Tom, Berryville; Spurlin, R. P., Berryville; Holtby, R. B., Berryville; Maples, B. C., Berryville; Jackson, A. M., Berryville; Hensley, Frank, Berryville; Newton, H. C., Berryville; Shirk, L. O., Berryville; Barrett, M. M., Grandview; O'Neal, C. C., Green Forest; Buell, Roy, Green Forest; Youngblood, E. M., Green Forest; Lynn, Daniel, Green Forest; Standlee, Dorse, Green Forest; Plott, Chas., Denver; Dings, C. L., Green Forest; Forbs, L. D., Hackett; Wells, E. S., Imboden; Warren, G. A., Portia.

Shorthorns—Gray, Howard, Lamar; Garrett, Joe, Harmony; Monroe, W. H., Lamar; Paxon, Henry, Knoxville; McClelland, C. W., Grandview; Jackson, M. C., Eureka Springs; John, J. F., Eureka Springs; Pinkley, W. H., Eureka Springs; Evans, Wash, Eureka Springs; Hilton, W. A., Eureka Springs; Ferguson & Edwards, Grandview; Fry, Will, Green Forest; White, O. A., Green Forest; Noff, J. R., Berryville; Priest, Jim, Green Forest; Coxsey, Loy, Alpena; Norris, T. A., Greenwood; Allen, Jno. Q., Perryville.

Herefords—Fuller, C. A., Eureka Springs; Anderson, Lum, Green Forest; Maples, J. S., Berryville; Doyle, Ed., De Berrie; Allen, Jno. Q., Perryville; Gates, E. W., Crossett; White, Milk, Hamburg; Ball, E., Ravenden.

Holsteins—Perry, V. P., Butterfield; Henry S. E., Malvern; Bohannon, Dr. J. H., Berryville; Dings, C. L., Green Forest; Rippy, Ed., Greenwood, Rt. 3; Reeves, C. H., Nimrod; Sailor, C. L., Bigelow.

Aberdeen Angus—Fisher, A. B., Eureka Springs; Senter, H. M., Eureka Springs; Derthick, B. A., Eureka Springs; Williams, Chas., Eureka Springs; True, S. P., Eureka Springs; Baker, R. C., Berryville; Cracraft, G. K., Readland; Sloan, L. A., Imboden.

Water Supply for the Farm

The water supply of dairy farms should be carefully examined and its purity established. The farmer owes this protection to his own family, to his business interests, and to those who use milk that comes from his dairy. Contamination of water may lead to typhoid fever. All water on the farm, even that to which only the cattle have access, should be above suspicion as to its purity. If cows wade in polluted water, disease bacteria may adhere to their bodies and later fall into the milk pails. Especial attention should be paid to the purity of the water with which milk pails and other utensils are washed.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 3 No. 11

LITTLE ROCK, ARKANSAS

November 1921

Arkansas State Fair at Little Rock, November 11 to 19, Offers Big List of Premiums on Farm Products

CONSIDERING the short time allowed for organization and preparation, prospects are favorable for the opening of the Arkansas State Fair at Little Rock on November 11 for nine big days of entertainment, closing on November 19. The promoters promise that there will be ample room for all exhibits at the convenient grounds on West Markham street and a large force of men and teams are now at work on the necessary improvements. Governor McRae has extended an invitation to the people of the state to take part in the exhibition and with favorable weather, it is expected that there will be a large out-of-town attendance. With a good showing of exhibits from over the state and the patronage that such an entertainment should attract, it is hoped that the initial State Fair will be a success and that from this start a permanent State Fair will be established, one that will be a credit to Arkansas.

Feature Live Stock Exhibit

Inseparably connected with every agricultural fair is the live stock exhibit, which undoubtedly makes a more universal appeal to men, women and children, regardless of class or profession, than any other department. Realizing this fact and also desiring to encourage in every possible way the development of the livestock industry, the fair management has spared no effort to make the live stock exhibit a big feature during the fair week.

The management has wisely selected Dr. Joe H. Bux, state veterinarian, as superintendent, and Prof. H. E. Dvorachek, animal husbandman at Fayetteville, as assistant superintendent of the Live Stock Department. These gentlemen are well qualified to perform their duties and each has the interests of live stock industry at heart.

A perusal of the fair catalogue shows that all breeds and classes of live stock will be given an opportunity to compete for premium money. The Hereford breeders will have an opportunity to win \$540 in cash prizes. A like sum will be awarded to Short-horn breeders and Angus breeders, respectively. The admirers of Red Polls

BOYS AND GIRLS FROM MANY COUNTIES IN ARKANSAS WILL BRING INTERESTING EXHIBITS TO THE FAIR



Randolph County is Always a Contender in Club Contests.

will divide honors to the amount of \$360 in cash prizes. Thus the breeders of beef breeds will be awarded a total of \$1,980 in premium money.

The dairy breeds have not been overlooked. A total of \$540 will be given to Jersey breeders, and the Holstein breeders will come in for a like sum. Even Gurnsey cattle have not

been overlooked. Cash prizes to the amount of \$450 will be awarded to exhibitors of this breed of milkers, which is gradually winning a place on Arkansas farms.

In the Swine Department it is noted from the catalogue that T. Roy Reid will assist Dr. Bux in looking after the interests of exhibitors who bring their

hogs to the fair. The Duroc, Jersey breeders will compete for \$354 in cash prizes, and the Hampshire and Poland China admirers will contest for like sums. The prize money for Chester White breeders amounts to \$370 and \$345 will go to the Berkshire enthusiasts.

Junior hog raisers will be given an opportunity to compete for cash prizes. The boys may use their judgment as to what they will exhibit. This is a contest for club workers and the boys may enter purebreds, grades or cross-bred animals of either sex. W. J. Jernigan will be in charge of club exhibits.

Sheep owners may enter any breed for competition. A total of \$190 in cash prizes will be awarded.

Draft horses may be entered either as light drafters or heavy drafters. Stallions, mares, geldings and colts of their class may be entered. A total of \$230 will be paid winners in each class. Special prizes for mules of either sex amount to \$90. Jacks and jennets will be awarded prizes amounting to \$190.

All entries of live stock will be charged a fee as follows: Cattle, \$2.00 per head. Swine, \$1.00 per head. Sheep, \$1.00 per head. Horses, mules, jacks and jennets, \$2.00 per head.

Lansden Heads Poultry Show

Poultry exhibitors will be glad to know that H. B. Lansden, of the Extension Division, will be in charge of poultry. C. P. VanWinkle, of Dallas, Texas, will judge the poultry exhibits. The show will be held according to the rules of the American Poultry Association, and the Standard of Perfection will be the guide of the Judges. Poultry raisers who are unable to attend the fair in person may send their birds to Little Rock express prepaid. The Fair Association will receive and feed, water and otherwise give proper attention to the birds while on exhibition.

The poultry contest is open for all breeds of domestic fowls. There will be a Sweepstakes prize of \$100 for the best display of ten birds of any breed, there will be awarded \$80 in special prizes and \$25 for championships. Besides these prizes there will be many others for individual and pen entries. There will be specials also.

Governor McRea Invites People to Attend Arkansas State Fair

(EXTRACT FROM OFFICIAL PROCLAMATION.)

I hereby extend to the people of Arkansas and neighboring States a sincere and insistent invitation for them to attend our First Annual Arkansas Fair and Exposition.

A State Fair, to become an annual function, will do more than any single agency which I can think of to stimulate pride among our own people and herald our powers and possibilities to the people of the outside world. It is my desire that this Fair be conducted in such a manner that it will inspire our citizens with a real desire to make it a permanent institution.

The Fair will last nine days and nights, from Friday, November 11th, to Saturday the 19th. The attendance at our First Annual State Fair and Exposition should be large.

Yours for a Greater State,

THOMAS C. McREA,

Governor.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

How to Get Your Birds Ready For the Fair

Poultry that is to be placed on exhibition, should be gotten ready in advance of the fair date. Fowls that are properly groomed will stand a better chance of winning a prize than another bird equally good, but which is wild or easily frightened, or whose plumage is soiled or dirty.

The birds selected should be removed from the rest of the flock and each bird placed in an exhibition coop for at least a portion of each day. Fowls so confined will become accustomed to the coop. Handling them—that is, removing them from the coop each day—will have the effect of making them tame. In handling the birds and removing and returning them to and from the coops, move quietly and handle the birds gently so as not to frighten them.

Examine the plumage so that the fowl will become accustomed to such movements when being handled by the judge. Likewise, attempt to compose the bird by smoothing and stroking the wattles gently; this seems to have a soothing effect on the fowls, and when done frequently and properly they come to look for it when one approaches the coop.

Those that are to be exhibited should not be confined to the exhibition coops for too great a period, as long, continuous cooping may cause them to get out of condition and therefore unfit for show. A satisfactory plan is to confine the birds for a part of each day or every other day alternately up to a few days before sending them to the show, when they should be confined until ready to ship.

Under no circumstances should birds be sent to a fair in a poorly constructed coop. Coops can be purchased for a small sum of money or a handy man can make his own.

Place a small amount of clean hay, or preferably clean straw or shavings free from dust, in the bottom of the coop. A cup or can for feed can be fastened securely in one of the corners of the coop about halfway between the top and the bottom. Feed is unnecessary in the coop if the birds are shipped only a short distance or if they are not to be in the coop for more than a day. When feed is provided such grain as whole corn or wheat is most satisfactory. Water placed in the coop is likely to be spilled out and to soil the plumage. A satisfactory substitute can be obtained by tying a mangel belt in one of the corners of the coop, that the fowls may pick it and secure moisture enough to satisfy their thirst.

A tag or card plainly marked with the address to which the coop is shipped, together with a return address, should be tacked or pasted on the outside where it can be plainly seen.

The coop should be closed securely so that it will not come open while being handled in transit. Provision, however, should be made for the coop to be opened readily on arrival at the showroom. Under no circumstances

should a coop be so securely fastened that it will have to be broken in order to remove the bird. When that is the case the coop is often rendered unfit for returning the fowl.

Cotton Crop Shows Deterioration in Arkansas

Arkansas' cotton crop deteriorated during the period of August 25th to September 25th from a condition figure of 63 on the former date to 53 on the latter date. The average deterioration during the last ten years for this same period is 8 points, and the average condition figure for the State on September 25th is 64. Therefore, the State is 11 points below its average and the deterioration in one month was one-fourth greater than the average deterioration.

The condition figure of 53 forecasts a yield of 151 pounds of lint per acre, and a total production of 677,000 bales of cotton of 500 pounds gross. This forecast is for a crop that is only 56% of that of last year and is the lowest condition report for September 25th for many years, with the single exception of 1918.

The deterioration was fairly general over the State, ranging from as much as 14 points in Northeast Arkansas, which still, however, has the highest condition figure, to 7 points in both South-Central and Southeast Arkansas. Greene, Randolph and Fulton Counties, where there was practically no weevil damage, show the highest figures, with 73, 71 and 78 points respectively; and the lowest figures are in Southwest Arkansas, where Miller has 32, Pike 33, Nevada 34, and Little River and Sevier 35% each. Comments are largely a repetition of those of the preceding month, when the majority of the reporters ascribed the deterioration to boll weevil and army worm. Nearly all reporters agree that the cotton has opened faster than ever before, and a large part of them state that the first picking will practically clean up the crop.

Joint Wool Pool Proposed

This office is in receipt of the following letter from the marketing agent of the Missouri State Board of Agriculture, in regard to Arkansas farmers participating in the wool pool which the State Board is handling for Missouri farmers:

"The Regional Wool Pool, established at St. Louis at the sanction of this office, has frequently received letters from Arkansas, Tennessee and Kentucky farmers relative to the pooling of wool from those states at St. Louis. I am, therefore, writing to inquire if you would like to recommend the establishment of a large pool at St. Louis, at which Missouri and nearby states could pool their wool.

We expect to see 200,000 pounds of Missouri wool pooled at St. Louis before the end of this year. Our Regional Wool Pool at St. Joseph, Mo., has already exceeded the half-million-

pound mark. With 200,000 pounds more wool at St. Louis between now and the first of January, the marketing cost, exclusive of freight, representing grading according to Federal Grades, storage, insurance, drayage and other miscellaneous over-head expenses would not exceed 3c per lb. The recent good showing made at a wool auction held by the St. Joseph Regional Wool Pool, is creating optimism among Missouri farmers on the principle of the wool pool. This fact, together with the recent advance in price of cotton, is encouraging the pooling situation, and I believe the wool growers in Missouri are practically going to clean up on the hold-over wool between now and January 1.

DANIEL C. ROGERS,
"Agent in Marketing."

What do the wool growers in Arkansas think about the above suggestion on marketing wool? The plan undoubtedly has its advantages, but whether it is practical, can best be answered by individual wool growers.

What the Census Figures Show About Arkansas

The total number of farms in Arkansas in 1920 was 232,604, an increase of 8.4 per cent over ten years ago. The number of farms operated by owners is 112,653, by hired managers 738, and by tenants 119,213. The number operated by white farmers is 160,322; by negro farmers 72,282.

The average number of acres per farm is 75.5, of which 39.7 is scheduled as improved land. This is an increase in the relative amount of improved land per farm.

The value of all farm property, including lands, buildings, machinery and live stock in Arkansas on January 1st, 1920, was \$945,790,362, an increase of 136.4 per cent. The value of lands and buildings was \$773,617,226, an increase of 150.2 per cent. The value of implements and machinery was \$44,320,556, an increase of 162.8 per cent, while the value of live stock is \$127,852,580, or an increase of 72.6 per cent. The average value of all farm property is \$4,076 as against \$1,864 in 1910. The average value per acre of land and buildings is given as \$44.4 as compared with \$17.75 ten years before.

The number of apple trees is given as 4,074,870 and the number of peach trees as 3,342,387.

Cotton acreage increase 18.6 per cent. The acreage in hay and forage more than doubled.

The acreage in rice has increased more than five times.

The acreage in sweet potatoes has increased about 85 per cent.

One of the remarkable things shown by the census is the fact that with a much less number of apple trees and peach trees, the production has enormously increased.

The live stock figures are exceedingly interesting.—214,163 farms reported domestic animals.

The number of horses was 251,926, the number of mules 322,677, and the total number of cattle was 1,072,966. In 1910 the figures for the total number of cattle showed 858,831, an increase of about 25 per cent. Of the total number of cattle reported, 345,806 are classified as beef cattle and 727,160 as dairy cattle.

The total number of sheep is given at 100,159 and goats as 123,800. The total number of swine is given as 1,378,091. Of these, 266,185 as sows for breeding.

The total number of poultry is given at 6,955,132 head. This is an average of 29 head per farm, while the hogs show only a trifle more than 5 per farm.

The total production of the state in 1920 was 1,752,204. The percentage of increase over 1910 was 11.3.

Of the 75 counties in the State, 50 counties show increases in population

and 25 show a decrease since 1910.

The total number of people living in cities and towns of 2,500 population or over is 290,497, or 16.6 per cent of the total population of the State.

Prior to this census all persons living in cities, towns and rural places under 2,500 population were counted as rural, but in this census we can find out exactly how many people live in the country outside of cities, towns and villages. The 1920 census shows the number of persons living in cities, towns and villages of less than 2,500 population to be 196,550, or 11.2 per cent of the population amounting to 1,265,157, living in the country or practically on farms. This is 72.2 per cent of the total population. Of the total population of the State only 13,975 are foreign born.

Tuberculosis Attacks Cows

Tuberculosis probably is the most dangerous and widespread disease of cattle that can endanger the safety of milk. The following quotations from Farmers' Bulletin 473 on tuberculosis gives an idea to cattle owners:

"Tuberculosis is contagious, or 'catching.' It spreads from cow to cow in a herd until most of them are affected. This may not attract much notice from the owner, as the disease is slow to develop, and a cow may be affected with it for several months and sometimes years before any signs of ill health are to be seen.

"The calves in such a herd do not long remain healthy. They catch the disease before they are many months old, and are a source of loss instead of gain."

Regarding the losses from tuberculosis the same bulletin states:

"The aggregate of these losses among cattle and hogs is enormous, amounting to millions of dollars every year, besides materially decreasing the food supply of the country."

Tuberculosis in dairy cows, especially when the udder is affected, may be the cause of tuberculosis in human beings. Most of the tuberculosis of children is of the bones, joints, and digestive tract, leading to the theory that milk may be one of the chief causative agents. In adults most of the tuberculosis found affects the lungs.

Cows should be tested for tuberculosis at least once a year by a capable veterinarian, and if disease is found the test should be made twice a year. All cows which react, showing that they are infected with the disease, should be removed from the herd, and the stable and premises thoroughly disinfected. All animals purchased for the herd should be tuberculin-tested before they are brought to the farm. Even then they should be kept separate from the other animals for at least 60 days and retested before being placed with the herd.

How Breeding Stock is Mated

A survey of more than 200,000 breeding animals on more than 2,000 average farms scattered throughout the United States shows averages of breeding animals on farms, male and female, as announced by the Missouri State Board and U. S. Department of Agriculture, as follows:

Cattle, 1 bull to 18.9 cows.

Horses, 1 stallion to 16.9 mares.

Hogs, 1 boar to 11.5 sows.

Sheep, 1 ram to 37 ewes.

Goats, 1 buck to 26.6 does.

Poultry, 1 rooster to 23.3 hens.

Other poultry, geese, ducks, turkeys, etc. (average), 1 male to 8.5 females.

Five purebred Hereford cows have recently been purchased by the College of Agriculture, University of Arkansas, to form the nucleus of a new beef herd. The College of Agriculture already has foundation herds of Jerseys, Holsteins, Ayrshires, Short-horns and Angus.

Homeseekers Who Want to Buy Arkansas Farms.

Frank M. Bigelow, Paw Paw, Mich., requests a map and literature about the agricultural resources of Arkansas.

"May I obtain from your office information about the agricultural and horticultural possibilities of Arkansas, also information about the climate, water and market for farm products? Would like to know if there is a horticultural society in Arkansas and where it maintains headquarters. I am planning on moving to Arkansas and starting something along these lines," writes Louis Vassen, 161 Churchill's Lane, Milton, Mass.

E. R. Miller requests information about land in Montgomery county, Arkansas.

"We farmers, ten or twelve in number are in the market for land. What have you to offer in state land and what will it cost. We want to locate this fall and move our livestock before cold weather," writes Miss Winfred Flaherty, Box 43 R. 3, Muskogee, Okla.

At the request of Dr. Bradford Knapp literature about Arkansas has been sent to John Ledgerwood, R. 1, Kent, Iowa. Mr. Ledgerwood is thinking of locating in Arkansas.

"Please send maps and other information about farm lands in Arkansas," is a request from J. W. Gowl, Box 269, Cisco, Texas.

Dora J. Baker, Leedy, Okla., requests information about land in Northwest Arkansas suitable for general farming. She is interested in locating in a section where there is a horticultural society, a creamery and a market for poultry and pork.

"Will you please furnish me with reliable information about Mississippi county, Arkansas? We would be especially glad to learn about Blytheville," writes the Reverend J. A. McKenzie, Bloomfield, Iowa.

P. L. Jackson, Wray, Colo., writes as follows: "I would appreciate very much if you will give me some information about grazing and dairy land in the State of Arkansas. I have some thought of going there to locate."

"Can you give me information about homestead land in Arkansas?" is a request from Will H. Donaldson, 1500 W. Pleasant St., Springfield, O.

A. B. Pounds of Pauls Valley, Okla., requests literature about agricultural resources of Arkansas.

Wm. M. New, Fort Payne, Ala., wants information about cheap farm land in Arkansas.

"Will you please send me literature which describes the Ozark country?" is a request received from Kathleen Mow, Clam Falls, Wis.

"I am interested in Arkansas land. Please forward to me a copy of your land guide also maps showing the agricultural resources and other information about the state," writes Miss Ruby Hamrick, 287 Vance Ave., Memphis, Tenn.

Isam Allen, Kingman, Ind., requests information about Arkansas land.

Ray G. Barr, Cisco, Texas, requests information about homestead land in Arkansas.

Mrs. J. E. Hinckle, 1722 Door St., Toledo, Ohio, writes as follows: "Will you send me a book about your state? I wish to know about the climate and what crops grow there; also in what part of the state is Booneville?"

Wm. L. Gustin, 1615 High St., Logansport, Ind., requests information about government land.

R. L. Nelson, R. 1, Box 63, Waynsville, Mo., wants information about soils, climate, and altitude of different sections of Arkansas.

T. E. Schwab, 1744-17, Detroit, Mich., writes that he wants to secure a home in Arkansas and would like to receive information about the state.

"I am thinking of making a trip to the northern part of Arkansas with the intention of locating there. Baxter County has been suggested to me. Can you advise me if it is possible to get information relative to the soils and crops in that section?" writes J. A. Wilson, Buntyn, Tenn.

F. L. Cosgrow, Sand Springs, Okla., is interested in locating in Northern Arkansas. He has some property in Oklahoma that he would trade for Arkansas land.

"Will you please send me geological report of Arkansas put out by your department? I am thinking about investing in Arkansas land. I would be glad to get a bulletin about strawberry culture," writes D. O. Lower, Collegeview, Neb.

"Please send me maps of state land that can be entered by homestead, also send literature about soils and climate," is a request received from C. W. Moulten, Harmony, Minn.

Ed. O. Halverson, R. 1, Frederic, Wis., requests descriptive literature about Arkansas.

J. A. Strong, 219 South Spruce St., St. Paul, Minn., will appreciate information about the country around Blytheville.

L. J. Ritter, Carthage, Texas, will appreciate any information about the agricultural possibilities of land in the vicinity of Little Rock.

Harvey E. Hinman, Morris, Okla., writes as follows: "I am interested in buying a small place or taking a homestead claim in your state. Will

you please send me information about agricultural conditions there?"

Noah Beaman, General Delivery, Maurry, Iowa, requests maps and information about agricultural possibilities in Arkansas.

J. W. Boden, Osceola, Iowa, writes as follows: "Will you please send me a large agricultural map of Arkansas with other advertising matter that you may have? I have in mind a milder climate than Iowa, I have learned that there are many wonderful resources in Arkansas."

Frank L. Miller, 1408, Belmont Ave., Chicago, writes that he and several friends contemplate locating a little colony in Western Arkansas where a big outlay of cash is not required to get started. All the men are mechanics and propose to do various kinds of carpenter, plumbing and concrete work for their neighbors while they are getting established. They are particularly interested in Franklin, Johnson and adjoining counties.

W. B. Chaney, 302 Tulsa Ave., Sulphur, Okla., wants to buy a few acres of land in Arkansas suitable for raising truck. He prefers a location near a large city where there is a good market.

B. O. Allen, 718 College Ave., Carson City, Colo., writes for literature about timber and mineral lands in the Ozarks.

"I am interested in your state as a homeseeker and I would like to get a township map. Want to familiarize myself with counties that have land suitable for truck growing," writes J. S. McCormick, Verdenburg, Ala.

Geo. W. Ludlow, 201 Broadway National Bank Bldg., Richmond, Va., asks to be informed as to the most healthful and best farming section in Arkansas.

Earnest Scothern, Mt. Jackson, Va., writes for information about the Arkansas River Valley where he desires to make his future home if the soils and conditions in general are as good as he believes them to be.

FARMS FOR SALE

An Ozark Dairy Farm.—Eighty acres of deeded land, forty acres in cultivation with five acres in alfalfa. Fifteen cattle, two mares and one mule, also hogs, chickens, blacksmith tools, farm implements, including a wagon, incubator, cream separator and household goods. Feed for livestock. Price, \$3,500. A. Fisher, Sitka, Ark.

Stock Farm in Sharp County.—Two hundred and fifty-six acres. Fifty acres surrounded by new fence, 39 acres cleared and cultivated for two years. New five-room house, barn and out-buildings, good spring and plenty of outside range for livestock. Price, \$3,000. Government loan of \$1,500 against the place. Frank Stewart, owner. King Mills, Ark.

Clark County Farm.—Two hundred and twenty-two acres, 80 acres in cultivation; 20 acres in pasture, and 122 acres in timber; gray and red loam; corn, cotton, soybeans, sweet potatoes, sorghum and peanuts are the principal crops; five-room house, a good barn, silo, potato house and out-buildings. Farm is fenced with wire. Price, \$6,000. Terms, half cash and balance in one, two and three years. Jeff Norton, Curtis, Ark.

Farm in Polk County.—One hundred and sixty acres with 30 acres cleared for cultivation; family orchard; box house; line springs and daily mail. Will sell or lease at a bargain. G. W. Sullivan, R. No. 3, DeQueen, Ark.

Farm in Benton County.—One hundred and sixty acres with one hundred acres cleared; fifteen acres orchard of Grimes Golden, Jona-

than, Winesap apples; all trees of bearing age; two barns; two hen-houses and two storage houses; fenced and cross-fenced with barb and woven wire. Land is rolling and all tillable and is supplied with good water; located six miles from the towns of Gravette, Centerton and Decatur. Owner is unable to give personal attention to farm and will sell at a bargain. A. F. Stevens, Gravette, Ark.

Faulkner County Farm.—Sixty acres, located one and one-fourth miles from Conway. Seven-room house, new stock barn and twelve hog houses. City water in pasture. Write T. J. Simmons, Conway, Ark.

Eighty-Acre Farm.—Twelve acres cleared; fenced and in cultivation; two-room house, log barn and family orchard; rich soil; price, \$750. Harvey Fall, Dale, Ark.

Quarter Section Farm.—Eighty acres in cultivation; 15 acres additional can be cultivated; 20 acres in meadow and 10 acres in apple orchard; good houses; price, \$3,000; terms. J. M. Tate, Dale, Ark.

Small Tract.—Near Rolla. Small house and barn on the place; located near good schools and churches. A. S. Desha, Lono, Ark.

For Sale a Forty Acre Farm.—Ten acres in cultivation, more can be cultivated. Good building, good water, plenty of range and timber. C. N. Elliott, Cedar Creek, Ark.

For Sale Eighty Acres.—35 acres in cultivation. Good range, good timber, well and barn. Will take part in trade. C. N. Elliott, Cedar Creek, Ark.

Ninety-seven Acres Near Dermott.—

One mile from Arkansas-Louisiana Highway. Easy terms. W. A. Daniels, Dermott, Ark.

A Cleburne county farm for sale. Forty acres of land, seven acres in cultivation. An orchard for family use consisting of peaches, plums, pears, grapes and five bearing walnut trees. Fine well of water. This is a splendid place for stock raising, it is surrounded by thousands of acres of open lands with free range. The farm is located nine miles from Heber Springs and three-quarters of a mile from Ida. Price \$1,000. Mrs. G. W. Logan, Ida, Ark.

A farm for sale in northwest Arkansas. There are 40 acres, of which 35 acres are in apples, the trees are 17 years old. This farm is located one mile from shipping point. Price, \$4,500 on terms. N. A. Hall, Route 3, Bentonville, Ark.

For Sale.—A farm consisting of 160 acres, good house, barn and orchard. Fifteen head of cattle, 25 hogs and 75 chickens go with the place. The price is right. M. T. Kizzier, Route 1, 500 on terms. N. A. Hill, Route 3, Percy, Ark.

A 20-acre fruit farm for sale near Rogers, in Northwest Arkansas. All land tillable, about one-half is in bearing apple trees. There is a fine building site on the place with shade trees already grown. Farm is located three and one-half miles from Rogers, and one-half mile off a hard surface road. Write for price to the owner, J. T. Hinds, Route 2, Rogers, Ark.

A stock farm in the Ozarks for sale. This farm is in Madison county, on White river. There are 250 acres, of which 80 acres are in cultivation, and the balance in pasture and timber. Price, \$12 per acre. A. J. Smith, Luxora, Ark.

For sale.—Nineteen acres of land adapted for fruit and poultry farming. A good 3-room house and fruit trees on the land, of which one-half is set to tame grass. Farm is on R. F. D., telephone and jitney line. Price, \$1,000, half cash. W. S. Bennett, Harrison, Ark.

For sale.—Two hundred seventy-three acres of land in the southern part of Searcy county. About 65 acres in cultivation but 75 acres more can be cleared. Good house, water, orchard and other improvements. This place can be purchased from the owner at a bargain. Address J. C. McQueen, Dabney, Ark.

One hundred and sixty acres of land for sale in the western part of Van Buren county. Sixty acres cleared of timber, about 35 acres in cultivation and 30 acres fenced for pasture. Good house and barn and plenty of water. Will sell crops and implements with place. Address J. C. McQueen, Dabney, Ark.

Watch for the Bean Ladybug

Farmers of the State are urged to heed the warning of the State Plant Board regarding the possibility of the occurrence of the Bean Ladybug in the State. According to a Government report the insect "is said" to occur in Arkansas. Neither the Department, the State Experiment Station nor the Plant Board have definite knowledge of the occurrence of the pest in the State, but should any farmer know of the occurrence of an insect which appears to be suspicious they should lose no time in reporting the fact either to the Chief Inspector of the State Plant Board at Little Rock or to the Entomologist of the Experiment Station at Fayetteville.

The bean ladybug resembles in general all of the common so-called ladybugs. It is about 1/4 inch long and can be distinguished by its brown color and 16 black spots on its back. The fact that it feeds on the foliage of beans and peas will also distinguish it from any other known species of ladybug.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

FOR SALE—CATTLE

Registered Holsteins. Three bred cows and one three-year-old bull not related to cows. The bull has splendid breeding. Price of the four animals is \$750. Also have one January bull for \$50 and another bull for \$65, both registered. W. S. Bennett, Harrison, Ark.

One car of good beef cattle, fever immune and tick free. Several cows and heifers. Price \$700. C. C. Pullin Saline, La.

A Hereford bull and heifer about seven-eighths pure breeding. Will trade for a Ford car in good condition. Eugene C. Hankins, Prattsville, Ark.

Car of high grade Hereford cows with calves at side. Calves not counted. W. E. Miller, Gurdon, Ark.

One Jersey bull age three years, write J. W. Harris, Paris, Ark.

We have some fine Jersey bulls coming two years old which we offer for \$150 each. L. W. Forbes, Hackett, Ark.

Registered Jersey bull for sale; price \$75. Ready for service, W. Arthur Jones, Paragould, Ark.

Registered Jersey heifers, bred to freshen in November. Noble and Oakland breeding and bred to our Eminent bull. Price \$100 each. W. Arthur Jones, Paragould, Ark.

One registered Holstein heifer of the Krondike strain, one month old, I will also sell the mother of this calf. Ira L. Haney, Lincoln, Arkansas.

One high grade Jersey bull three years old, weighs 1400 pounds. Price \$80. Two good milk cows with calves, \$40 each. A. B. Shockley, Slocumb, Ark.

Four registered Shorthorn cattle; two cows, two bulls. Wm. M. Slinkard, R. 5, Jackson, Mo.

Registered Jersey Sale—Consignment sale by some of the best breeders in Jasper County, Missouri, 60 head of registered Jersey cattle at Carthage, Mo., Monday, October 24th. Bred and unbred heifers and young cows; 35 young heifers just right for Calf Clubs. For catalogues and information address E. G. Bennett, Carthage, or B. C. Settles, Sales Manager, 6155 Westminster Place, St. Louis.

FOR SALE—HOGS

Spotted Poland China boar for sale; twenty months old, and weighs 600 pounds; also young boars and gilts, W. A. Davis, Dermott, Ark.

Purebred Big Bone Poland China pigs subject to registry. Satisfaction guaranteed or money back. Price \$15 each. J. C. Robinson, Aurora, Mo.

Twenty Duroc Jersey pigs, one gilt one year old, one sow three years old. All priced to sell. Miss Augusta Thoe, Marche, Ark.

Duroc Jersey Boar, registered, Price \$50 crated and F. O. B. Geo. L. Barker, Mountain Home, Ark.

Lady Ben No. 905908. This sow was sired by Matchless Buster No. 351945. She is not in heavy flesh since seven pigs were just weaned but she is gentle and easy to handle. Her first litter of six sow pigs and one boar sold for \$125. A. G. Gray, Mena, Ark.

Two registered Big Type Poland China boars, weight 250 pounds each. Nine months old. Grandsons of Wonder Buster. Price \$40 each. W. Arthur Jones, Paragould, Ark.

Duroc Jersey pigs, three months old. Subject to registration, papers furnished, pigs of either sex, \$12.50 each. Will also sell my stock hog for \$50. T. J. Green, Jr., Hardy, Ark.

Eight purebred Poland China pigs,

farrowed May 27, \$10 each; four gilts and four males. J. H. F. Powell, Ward, Ark.

FOR SALE—GOATS AND SHEEP

High grade Angora goats for sale, also high grade Shropshire sheep. W. A. Johnson, Mayfield, Ark.

Angora bucks and nannies. R. E. Mitchell, Morrilton, Ark.

Seventy-five head of goats, mostly Angoras, price \$2.50 per head. J. W. Gotcher, Potter, Ark.

One registered Shropshire buck and high grade Angora goats for sale. Warren Johnson, Mayfield, Ark.

High grade Shropshire bucks; also high grade Angora bucks and high grade Angora does for sale. Ewing-Johnson, Mayfield, Ark.

Toggenberg buck kids, naturally hornless, price \$10 each. W. C. Daupef, Marshall, Ark.

Milk goats one-half and three-quarters pure Toggenberg breed. Price \$6 to \$20 each. T. R. Reeves, R. 2, Shirley, Ark.

Will sell my Angora goats or exchange them for sheep. Emile Roth, Williford, Ark.

Would like to exchange Hampshire ram for one of same breed. W. E. Miller, Gurdon, Ark.

FOR SALE—JACKS AND JENNETS

One jack four years old; one jack three years old; one jack two years old, one jack seven months old. Two jennets seven years old; three jennets three years old; three jennets two years old. E. E. Mitchell, Morrilton, Ark.

FOR SALE—HORSES

A pair of matched grays draft stock coming seven years old. Three bay horses coming six years old, weight 800 to 1000 pounds each. Geo. L. Barker, R. 2, Mountain Home, Ark.

WANTED TO BUY—LIVESTOCK

I am in the market for registered Holstein calves, one month to one year old. Clarence Young, R. 1, Waldron, Ark.

I want to buy a few cars of good feeder hogs. R. W. Moore, Black Rock, Ark.

Wanted to buy a registered Red Polled, White Face or Durham bull calf. C. N. Elliott, Cedar Creek, Ark.

Wanted, yearling red bull calf. Murrell Johnson, Sonora, Ark.

WANTED—MISCELLANEOUS

We desire to purchase pure cane syrup in barrels, yellow yam potatoes and rice, and would be glad to get samples and quotations from producers. Gunboat Produce Company, Avondale, Ala.

Wanted to buy seed wheat. J. E. Critz, county agent, McCrory, Ark.

Wanted bur and red clover seed. C. E. Hester, county agent, Lake Providence, La.

FOR SALE—POULTRY

Purebred White Wyandotte eggs for hatching, 80 per cent fertility guaranteed. Price \$1.25 per setting. J. C. Robinson, Aurora, Mo.

Three pens of Single Comb White Leghorns for sale at \$6.50 per pen. of one cock and five hens. Two pens to one address for \$9.00. Two pens of Single Comb Brown Leghorns \$6.50 per pen. or both to one address for \$9.00. Single Comb White Leghorn cocks and cockerels bred for utility, price \$1.50 to \$10 each. S. E. Martin, Franklin, Ark.

Single Comb White Orpington cocks and a few hens; all fine, large birds. Mrs. M. H. Westbrook, Barton, Ark.

Ancona pullets, Kellogg's strain February hatched, big husky birds that are bred to lay. They must please or the buyer may send them back. Price \$20 per dozen. Cockerels \$2.50 each. J. Roy Whitt, Box 642, McNeil, Ark.

SEED WANTED.

Abbruzzi rye seed. Quote prices delivered his station. H. W. Baskin, Strong, Ark.

Ala. Blue Stem seed wheat. H. T. Brown, Old Court House, Little Rock, Ark.

Two hundred to three hundred bushels good seed wheat. J. E. Critz, McCrory, Ark.

Wanted to buy, Crimson clover seed, red clover, alfalfa, bur clover seed. F. W. Swann, county agent, Marks-ville, La.

Wanted to buy seed wheat. J. E. Critz, county agent, McCrory, Ark.

Wanted bur and red clover seed, C. E. Hester, county agent, Lake Providence, La.

Wanted to buy winter wheat and turf oats. Quote prices. F. M. Buchanan, R. 2, Cherry Valley, Ark.

Wanted to exchange bur clover seed for crimson clover, sweet clover, hairy vetch, wheat, barley, abbruzzi rye, turf oats. W. C. Graydon, Danville, Ark.

Wanted to buy Abbruzzi rye. H. A. Robbins, Upland, Ark.

Ala. Blue Stem seed wheat. H. T. Brown, Old Court House, Little Rock, Ark.

Two hundred to three hundred bushels good seed wheat. J. E. Critz, McCrory, Ark.

FOR SALE OR TRADE MISCELLANEOUS

Several thousand gallons sorghum molasses in gallon containers, 44 cents a gallon f. o. b. shipping point. C. E. Stapp, County Agent, Auburn, Ala.

One stump puller complete with three-quarter and seven-eighths inch cables. This machine has been used but it is in first-class condition. It cost \$96.00, will take \$50.00 for it. H. C. Cogdal, R. No. 6, Box 108, Pine Bluff, Ark.

A sawmill, 6,000 feet daily capacity, now in operation. Price, \$1,600. Will sell for \$1,000 cash and the balance on terms. Also have 800,000 feet of pine timber, which I will sell for \$2 per thousand feet. C. E. Reed, Cleveland, Ark.

Two town lots in Otwell, Ark., to trade for good, young livestock or good milk cow. Roy T. Elam, Gideon, Mo.

For sale all kinds of cabbage plants. Major Crow. Flowery Branch, Ga.

For sale 1000 bushels of Ferguson No. 71 oats; also Fulghum oats and 300 bushels of Abbruzzi rye. N. P. O'Neal, Hope, Ark.

Bargain—12-24 LaCrosse Tractor, J. I. Case Gang, Portable Saw Mill, American shingle mill, planer, log-wagon, all complete practically new, first class condition machinery at Sidney, Sharp Co., Arkansas. Any part sold separately. Write Homer A. Bruce, Success, Arkansas.

I will send by express or postage paid 20 pounds of dried apples for \$3.75. Bern. Carlock, Springdale, Ark.

Three thousand gallons of pure sugar cane syrup cooked without chemicals. Price \$3.60 per crate of six No. 10 cans. Ready for shipment about December 1, f. o. b. Montpelier, La.

We can furnish snap and shelled corn. Write for prices. Arkansas Mill & Grain Co., Hoxie, Ark.

Soil Vaccine Not Reliable

The Missouri College of Agriculture warns farmers in that state to be on the lookout for representatives of a company that manufactures what is termed "soil vaccine" which it is necessary to put on the land in small amounts in order to produce crops abundantly. Of course such a claim for the mysterious soil builder is ab-

surd and no wise land-owner will be taken in by it. The only practical way to restore the soil to a high state of productivity is to use manure, and commercial fertilizers, turn under green manure crops, drain the wet spots and terrace the hill sides, plow deep in winter, subsoil if there is a hard pan and lime the land if it is sour. To do all these things requires a long time and a great deal of labor, but there is only one way to do it. There is no short cut or abbreviated method of building up worn out land.

Potato Certification Service to Help Farmers

The State Plant Board has just completed the first inspection for those who have applied for certification of the sweet potatoes. This is the second year that the Plant Board has conducted its certification of sweet potatoes.

The Plant Board is the first to have worked out a satisfactory certification system for sweet potatoes. At a meeting of plant disease experts, held at Atlanta, a special resolution was passed commending the system worked out by the Board and recommending it for adoption in other southern states.

The system of certification requires not less than two inspections. The potatoes are first inspected in the field. To pass this inspection the field must be found to be absolutely free of stem-rot. If a single hill of stem-rot is found the field is disqualified for certification. Fields which pass the first inspection will be inspected for black rot at digging time. Additional inspections are made during the storage system to see if black rot develops.

As a protection to purchasers of certified seed the certificate holders are required to register every sale of seed with the Plant Board. In this way the Board keeps track of the activities of its certificate holders.

Prof. C. C. Harter, specialist on sweet potato diseases for the U. S. Department of Agriculture, stated that the Arkansas Plant Board's sweet potato inspection service was the best in the country.

This sweet potato certification offers an opportunity for Arkansas farmers to develop an unusual market for a high grade of certified seed as no other state is at present maintaining a service which would enable farmers to compete with Arkansas certified seed. Farmers of the State who have strains of potatoes clean of diseases should take advantage of this service by getting their seed certified. Full details may be had by writing to the Department or to the Plant Board for Plant Board Circular No. 9.

Experts Close on the Pink Bollworm's Trail

Working on the practical theory that "a stitch in time saves nine," Arkansas is preparing to make careful inspections for the pink bollworm wherever suspicions concerning the possibility of the occurrence of this dreaded cotton pest in Arkansas.

Deputy Inspectors Geo. W. Winfrey and J. B. Daniels of the State Plant Board have just returned from the infested area in Texas where they got some first hand information concerning the habits and characteristics of the pink bollworm.

Due to the fact that the infestations in Texas and Louisiana were not discovered until the pest had a chance to establish itself these states will each be compelled to spend large sums in order to wipe out this pest. The Federal Government is spending equally as much in cooperation with these states to help them rid the country of this invader.

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ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

December 1921

Diamond Cave of Newton County, Arkansas, is More Wonderful Than Kentucky's Mammoth Cavern

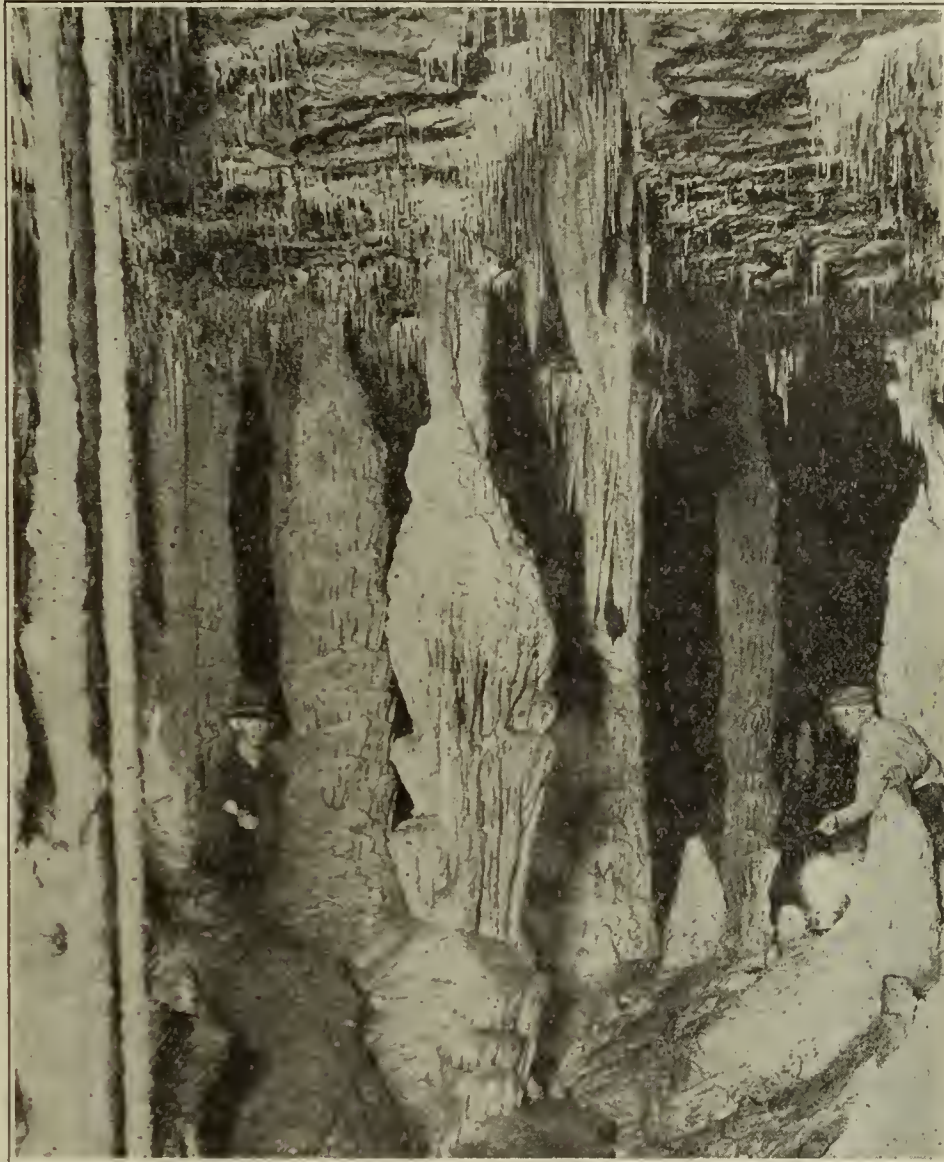
WITH the Jefferson Highway completed from Russellville via Jasper to Harrison, through the most beautiful scenic region of the Arkansas Ozarks, tourists now have access to Diamond Cave, a subterranean wonder place rivaling in grandeur and excelling in beauty the famous Mammoth Cave of Kentucky, and hundreds of motorists have made the pilgrimage this fall, returning filled with enthusiasm not only for their experiences in explorations of the cavern, but for the inspiring landscape which nowhere is more picturesque.

Mrs. Ruby E. Livingston of Russellville, in the Arkansas Gazette, describes a trip to the cave, which she says is within a six hours' drive of Russellville and only 11 hours from Little Rock. Her account of the natural beauty of the country and the graphic manner in which she has blazed the trail, has aroused new interest in the tourist possibilities of the hill country. Where hundreds of cars have made the tour this year no doubt thousands will have the Diamond Cave for their destination next season, the road to the Cave being open to visitors from the north, as well as from the south.

It is interesting to read what an eyewitness has to say of the Cave and we quote, from the writer's personal experiences, the following:

"W. J. Prullt, owner of the cave furnished us with a guide, flashlights and 300-candle-power gas lanterns, and we started in to the cave about 8:30 in the morning, having driven four miles from Jasper to the mountain side where the cave is located. The entrance is but a rather small aperture in the cliff, and one hacks down a ladder some 20 feet, into a long, deep cavern 100 feet in length, and over 50 feet high in places.

Then we enter a small tunnel and walk some distance before there is anything of interest except brown rock and cliff like formation. To the right the guide announces the Red Room, and there the formation is of red limestone. A bit farther on, a small tunnel opens into another room. There stands a white, spectral-looking column named the Ghost. Near this is Fudge Candy, and the Lake, which is such a clear pool, that one cannot detect where rock ends and water begins, and many a tourist splashes into it before he learns to be cautious. Here the rock looks like giant sponges. Next, we hugged "the



Crystal Colonnade Two Miles From Entrance, Diamond Cave, Newton County, Arkansas.

Widow," and slipped past her into another eerie, dark cavern, with pitfalls here and there. The guide had not found a name for this area, and asked what I would suggest. I gazed about me, and below into the treacherous crevices and grottoes, daring our feet to stray, and answered "call it 'the Devil's Cavern.'" The guide pronounced it appropriate, and says it shall be called that. Another beautiful grotto I had the honor of naming is "Jack Frost's Workshop," a place where crystals exactly like icicles hang by the hundreds from the ceiling.

"We soon used up all our exclamations of delight, and simply pronounced everything wonderful and beautiful. It is as varied as a kaleidoscope, and the beholder is awed into recalling the great truth, "the heavens declare the glory of God and the firmament showeth his handiwork." The air is cool and sweet, and there are springs of splendid water, if one grows thirsty. The guide is obliging, going slowly up through inclines when

the party has to stoop and pant a bit for breath. Three and a half miles is the average length of the route, for the tourist is pretty well fatigued by the time he traverses his trail. The return trip is made by the same route, with the exception of going into one or two rooms, but it never grows monotonous for one moment. For eight miles it grows more and more beautiful, and once a man took food and set out to explore it to the end. He stayed in the cave a period of four days, and estimated his distance at 20 miles, but he never came to the end. This proves the cave to be larger than Mammoth cave in Kentucky, which is 15 miles in length. But the caverns are as a rule wider and a bit deeper in the Kentucky cave, than in the Arkansas wonder. And, oh, the endless variety of formations, where stalactite vies with stalagmite to form gigantic urns, columns and vases.

"We were warned often by the guide to be careful of our heads, but nevertheless I proved to my entire satis-

faction the thickness of my skull is harder than some of those crystals, for I knocked some of them loose, as did others of our party. Often they can be crumbled in the hand, and look as though they were made of glass; in the Macaroni room many of them are hollow. Space forbids the mention of many of the unique formations, but a few of them must be given. There's the rattlesnake's bed, where a giant dragon stretches his sparkling stone length along a ledge six feet in height; Adam and Eve, two statuesque bits of stone, resembling marble. The Jail is a series of onyx-like bars with a small cave back of them; the Sugar House is a white heap rising 10 feet, powdered with pulverized stone resembling beet sugar. We go on through The Path of Darkness, which my small daughter named for the guide, over the Bucking Shoals to the Grand Divide, which is a ridge from which the cave slopes down on either side. There are The Duck Nests, odd little brown mounds of stone with an occasional "egg" in the center, all set in a shallow pool of water. A little farther on is the Garden of the Gods, and we sat down to rest and admire the wonderful colonnades. Here the stones are glittering white and fresh-tinted, and occasionally their forms are almost human in shape. I do not think I should have been surprised to find the Three Graces, or one resembling Apollo. Diana would have no place here, for there is no sign of animal life. Bacchus, too, would not dwell here, for the urns and vases could not hold his wine; they are all solid. Passing on through shimmering, glittering corridors one comes to the Auditorium of Rome, one of the beauty spots of the cave; then the Piano, where one finds about 16 notes on the upright stone keys, the tone similar to the piano or zyllophone. Then there are the Cabbage plants, the Dead Sea, Elephant Ears, Solomon's Temple and Lover's Leap. It is all too beautiful for description. Nor can pictures do it justice, for, though they can show height and size of the column and rooms, they cannot show the vast spaces and shadows, nor describe the awesome silence, which pervades the depths. Not even an echo resounds.

"The owner plans a number of improvements on the cave, such as a stairway at the entrance, and some plank walks where the worst clay is. Eventually he will light the cave by electricity, which is really what it needs to display it. Being so close to the highway, it will be visited by thousands of tourists, for every one who sees it will induce some one else to make the trip. Everyone was heard to declare that they were going back to Jasper and the vicinity and stay longer next year and bring someone to see the cave. And still, a number of Arkansas tourists went through on their way north and west, and "didn't have time" to see this wonder of their own state!"

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

Farmograms

A sweet potato house of five thousand bushels capacity is in the course of construction at Cherry Valley, a progressive community in Cross County.

The Winforking herd of Holstein cattle from Wynne exhibited at the Tri-State Fair, won third place in number of prizes and amount of prize money.

A movement has been launched by the Bearden Chamber of Commerce to interest enough land-owners in strawberry culture to make that point an important strawberry shipping center.

Montgomery county folks recently staged a successful agricultural fair at Womble. The exhibits of farm products were creditable and demonstrated the wonderful resources of Montgomery county soils. Several state officials including Governor McRae attended the air.

The Planters Bank at Warren has the unique distinction of being the only bank in the state to stage an agricultural fair all its own. This year the bank gave prizes amounting to \$350 to exhibitors of farm products.

The Hope Sweet Potato Growers' Association proposes to build a second storage house of five thousand bushels capacity. This will give the association storage capacity of 10,000 bushels.

It is reported that farmers around Siloam Springs have made such rapid progress in the development of the dairy industry that a full car load of cream is shipped to outside markets every day. The dairy industry in that section is a source of many thousands of dollars cash that come into the pockets of the farmers every month in the year.

Charleston merchants report great improvement in business this year, which is to be expected in view of the fact that farmers in that vicinity have shipped to the sirup factory 120 car loads of sorghum besides one car of hogs, and many car loads of hay and cotton, and yet their barns are overflowing with corn and other farm products.

Memphis seedsmen and dealers are co-operating with the City Bureau of Markets in holding the first Tri-State Sweet Potato Show and meeting on January 17th-18th, 1922. Rules for the show have been gotten out and a cash premium list of over \$200 has been printed. This show will include both eating and seed stock, laying special emphasis on certified seed. It also includes both Nancy Halls and Porto Ricos.

This year Arkansas takes third place in the production of cotton and she will produce the second largest corn

crop in the history of the state. But Arkansas farmers have not concentrated all their energies on the production of corn and cotton. The records show that the state ranks first in the production of strawberries, second in cantaloupes, fourth in rice and eighth in sweet potatoes. Besides the excellent showing made on the crops named, there has been a material increase in the production of hays and various feed crops and also an increase in land devoted to improved pastures.

The production of long staple cotton in Arkansas has become a great industry. Little Rock, Pine Bluff, Ozark and Hope are the leading centers of long staple production. The varieties commonly grown are the Express, Acala, Mead, Lone Star, Webber and Rowden. The long staple area is being extended each year and there is undoubtedly a great deal more land in Arkansas that will make long staple. The soil seems to determine the limits of profitable culture of long staple, therefore more or less experimental work is necessary to determine whether it is better to raise short staple or long staple on a particular kind of soil. Frequently the yields of long staple is so far below the yields of short staple that the short staple is more profitable in spite of the lower price it commands.

The bobwhite is plentiful this year. Two successive mild winters and three good breeding seasons have multiplied bobwhite coveys by the thousands, according to reports to the Biological Survey, United States Department of Agriculture.

No changes have been made in the Federal regulations which prohibit the use of power boats in taking wild fowl, according to a statement just issued by the Biological Survey of the United States Department of Agriculture. The regulations do not prevent a person from using a motor boat to go to and from the ducking grounds or to attend to ducking outfits, but the Biological Survey points out that, while it will be lawful to pick up dead ducks from a power boat, it is a violation of the law to shoot ducks from such a boat.

Desha County Builds Sweet Potato Houses

The Desha County Sweet Potato Co-Operative Association is composed of sixty-two of Desha's most progressive farmers and is a non-profit sharing organization which has for its purpose the growing, curing and marketing of sweet potatoes of the best quality.

Desha county has done more sweet potato work this year than any other county in the state. Four houses are nearing completion with a total capacity of 18,000 bushels of crated potatoes, McGehee having the largest house with a capacity of 10,000 bushels, Winchester 5,000, Halley 2,500 and an individual house built by Dr. S. C. Riley, of Halley, with a capacity

of 500 bushels. The Desha County Sweet Potato Co-Operative Association is a member of the State Association with headquarters at Little Rock. The State Association has employed Turner Wright of the marketing department of the extension division. Mr. Wright will handle the sales of the 48 local organizations. A standard crate and grade has been adopted and will be used by every association in the state.

Two Bales Per Acre In Mississippi County

Eight bales of cotton from four acres of land is an exceptional record in cotton production, nevertheless it shows the possibilities of this crop when planted on the right kind of soil. Joe Bevil, a grower, near Blytheville, in Mississippi county, is the man who made this exceptional yield. Mr. Bevil gave his cotton only such cultivation as commonly practiced by good farmers.

Stamps Has a Grand Champion Hen

The Cabeen-Benton Wyandotte Poultry farm, at Stamps, exhibited a hen at the Texas State Fair which won grand championship. This farm also captured several other prizes at Dallas. At the Tri-State fair, at Memphis, many of the best prizes were won by birds from this farm. The Cabeen-Benton farm is located about three miles from Stamps and is under the management of Dr. J. B. Benton and E. H. Cabeen. Only Buff and White Wyandottes will be kept on the farm.

Sweet Potato Curing Plant At Hope

Recent work in the organization of sweet potato growers by the Arkansas Sweet Potato Growers Exchange has resulted in the letting of the contract for the erection of a 7,000 bushel curing house at Hope and a number of individual curing houses in various parts of Hempstead county. A number of owners of individual curing houses have signed the five-year marketing contract and are becoming members of the co-operative marketing association. Hempstead county has a large acreage of sweet potatoes and the growers expect to market practically all the cured potatoes in the county through the Arkansas Sweet Potato Growers Exchange.

Information About Sirup Market

There has been a big crop of cane sirup in Arkansas this year and farmers are having some trouble in finding a market. Where car lot shipments can be made the wholesale sirup dealers and blenders should be able to offer good prices. A list of such firms follows:

MEMPHIS, TENN.

Piggly-Wiggly Stores, Inc., 435 South Front St.
W. B. Mallory & Sons, 603 South Front St.
J. T. Fargason Co., Linden Station.
Clayton, Hughes & Co., 436 South Front St.
Donelson & Postom, 534 South Front St.
Early-Stratton Co., Florida and Carolina Sts.
J. C. Felsenthal, 469-71 Tennessee Street.
Oliver-Finnie Co., 1 Vance St.
Graham Grocery Co., 468 Tennessee Street.
Fly & Hobson Co., Linden Station.
Malone & Hyde, South Front & Georgia Sts.
Cole-McIntyre-Norfleet Co., Linden Station.
Wagner Grocery Co., Linden Station.

Stewart-Gwynne Co., 100 South Front St.

SHREVEPORT, LA.

Ardis & Company.
W. F. Taylor Co.
Crawford, Jenkins & Booth.
Foster & Glassell.
The Hicks Company.
Frank Grocery Co.

ALEXANDRIA, LA.

Avoyelles Wholesale Grocery Co.
Thompson-Ritchie Grocery Co.
Rapides Grocery Co.
H. T. Cottam & Co.
Bradford Sherrill Grocery Co.
Crockett & Weil.

MONROE, LA.

The Monroe Grocery Co.
The Southern Grocery Co.
Sugar Brothers Grocery.

NEW ORLEANS, LA.

Dunbar Molasses & Sirup Co.

CAIRO, ILL.

Wood & Bennett Co.
McKnight-Keaton Grocery Co.
Scudders-Gale Grocery Co.
New York Store Merc. Co.

LOUISVILLE, KY.

Altsheller & Co.
Bronner & Co.
Johnston Bros. Co.
Kentucky Grocery Co.
Otter & Co.
A. Wahking & Sons.
H. Wedekind & Co.
J. Zinsmeister & Sons.
Currie-McGraw Co.
R. H. Green.

Prices of Products Sold By Arkansas Farmers In November

Hogs (live weight) per 100 pounds	\$ 6.40
Beef cattle (live weight) per 100 pounds	3.60
Veal calves (live weight) per 100 pounds	5.12
Sheep (live weight) per 100 pounds	4.15
Lambs (live weight) per 100 pounds	4.50
Milk cows, per head	37.00
Horses, per head	62.00
Milk (whole), wholesale, per gallon .....	.40
Milk (whole), retail, per gallon .....	.46
Wool (unwashed) per lb. ....	.12
Wool (washed) per pound .....	.17
Apples, per bu. of 48 lbs.	3.05
Walnuts (black) per bushel of 50 pounds	1.00
Hickory nuts, per bu. of 50 lbs	1.05
Peanuts, per lb. ....	.05
Pecans, per lb. ....	.15
Beans (dry) per bushel of 60 pounds	3.80
Sweet potatoes per bushel of 55 pounds .....	.85
Turnips, per bushel of 55 lbs	.90
Cabbages, per 100 lbs.	4.40
Onions, per bu. of 57 lbs.	3.00
Timothy hay (loose) per ton of 2,000 pounds	16.00
Clover hay (loose) per ton of 2,000 lbs.	16.00
Alfalfa hay (loose) per ton of 2,000 lbs.	17.35
Prairie hay (loose) per ton of 2,000 lbs.	9.75
Pop corn, per 100 lbs. in ear....	5.50
Cotton seed per ton of 2,000 lbs	28.75
Eggs, per dozen .....	.41
Chickens (live weight) per lb.	.16½
Turkeys (live weight) per lb....	.29
Cowpeas, per bushel	1.45
Cream, price per pound of butter fat .....	.34
The following are prices reported as paid in November for produce bought of Arkansas farmers:	
Clover seed (red) per bushel of 60 lbs.	\$13.00
Timothy seed, per bushel of 45 lbs.	4.40
Alfalfa seed, per bushel of 60 lbs.	11.00
Bran, per ton	25.80
Cottonseed meal, per ton.....	39.60
Cottonseed hulls, per ton	9.65

Homeseekers Who Want to Buy Arkansas Farms.

Jeff Lance, R 7, Sparta, Tenn., writes that he wants to locate in Arkansas where good farming land is cheap.

Mrs. E. A. Fessler, Gage, Okla., wants to locate near Little Rock or Gentry. She wants about 80 acres and will appreciate hearing from any one with such farm, as to price and kind of crops grown.

H. H. Hardy, 1504 College Ave., Fort Worth, Texas, is interested in settling on government land in Arkansas.

E. W. Ferguson, Arcadia, Ind., hopes to find government land in Arkansas.

H. F. Smith, Segovia, Texas, wants information about cheap lands and crops. He wants to locate on a small farm where he can raise fruit.

Mrs. Mary A. Stipp, Temple, Okla., would appreciate hearing from anyone in Northwest Arkansas, who has a small farm for sale.

George Novak, 5341 South Lincoln St., Chicago, will be glad to get literature about agriculture and scenery in Arkansas.

Frank Hughes, R. 1, Holyoke, Col., is going to leave that state and before locating elsewhere he wants to get all the information he can about Benton county. He would like to hear from some one who has a farm of 160 acres for sale. A farm which contains some bottom land is preferable.

"Will you please send me information about the State of Arkansas, as I am interested in securing a home there?" writes T. E. Schwab, 1744-17 Detroit, Mich.

A. J. Shepard, White Rocks, Utah, wants information about farming land in Arkansas. He wants to locate near a good school in a section where dairying and fruit-growing can be carried on profitably.

Asa L. Rice, care Gas Plant, Salt Creek, Wyo., will be glad to get information about the altitude and crops grown in Northwest Arkansas.

E. C. Browne, 2800 St. Mary's Ave., Hannibal, Mo., wants to move to either Randolph or Independence county and take up homestead land if such is available. In the event he is unable to find such land he will buy a farm.

Isaac Clinton Stairffer, 331 Walnut Ave., Canton, Ohio, is an experienced farmer, who wants to move to Arkansas and take charge of a farm to manage on shares.

Oscar Fields, of Iuka, Ill., is interested in cheap lands in Searcy and adjoining counties.

Another man interested in acquiring cheap land in Arkansas is Robert Engal, 905 N. Vandeventer Ave., St. Louis, Mo. He is particularly interested in government land along the White River.

Emmett Mitchell, of Henrietta, Mo., writes for a map and prices of land in Arkansas.

John M. Harmon, Union, Miss., wants to get in touch with owners in Arkansas who have land for sale.

"Will you please send me literature or tell me where I can obtain it, concerning the land and other resources of your interesting State?" is a request received from C. J. Collier, 1110 Pennsylvania Ave., Kansas City, Mo.

F. L. New, Welch, Miss., is an ex-service man who wants information about homestead lands in Arkansas.

Wm. E. Dunn, Galt, Calif., writes that he would like to buy a partly improved farm in Sharp county. He wants land suitable for cattle, goats and poultry.

Harry Cottrell, Box 247, Springfield, Ky., is interested in Scott County, and would like to get information about soils, crops and climate.

"I want to settle in the northwest part of Arkansas where the altitude is 1,000 feet. I am interested in wheat raising and small fruits. Must be near good school. Will you please tell me if such land is open for homesteading, if not open please tell me where to apply to get reliable facts about prices? A. B. Lawson, Box 56, Orchard, Col."

What kind of farming country is Northwest Arkansas? Is it healthy there? What are the money crops and does wheat grow there? Are questions asked by Ernest Hamilton, Chillicothe, Tex.

W. M. New, R. F. D. No. 5, Fort Payne, Ala., writes as follows: "Kindly advise me in regard to locating in Arkansas. I wish to locate in a section where health is good, near good school and church and where the land is suitable for general farming. Want 80 to 160 acres with not less than 30 acres in cultivation. Would like to buy some livestock and tools with the place. Do not want high priced land."

Jacob Stock, of Morrill, Kas., wants information about agriculture in Arkansas. He wants to buy forty acres of land in the northwestern part of the State for a home.

FARMS FOR SALE

Valley Farm, 110 acres, six miles from Lake City, Ark., forty acres in cultivation, twenty-five acres deadened, all the best black sandy loam soils, has good four-room house, small barn, new corn crib holds 1,500 bu. corn. Forty acres fenced with good wire fence. Have good reason for selling. Price, \$75 per acre, part terms. W. S. Johnson, Nettleton, Ark.

Farm in Lafayette County—92 acres, 80 in cultivation, 12 in pasture, all fenced; seven-room house, two tenant houses; good out houses; orchard; garden and patches; oak shade trees; refusal of 300 acres to rent; price reasonable. A. S. Patton, Canfield, Ark.

Farm for Sale or Exchange—Forty acres, 30 acres in cultivation; eight acres in pasture; nearly all fenced; free stock range; a box house; good out houses; fine spring water. Allen Flesher, Rupert, Ark.

For Sale or Exchange—One hundred and sixty acres with 25 acres in cultivation; 20 acres bottom land; good house; also good out houses. Price \$700. Allen Flesher, Rupert, Ark.

Benton County Farm—One hundred and forty-four acres, 75 in cultivation; 15 in pasture, and 40 in timber; 95 acres can be cultivated. Seven-room house, garage and other out buildings; cement cellar; family orchard; five miles to Gravette; near highway; rural telephone. Price, \$60 per acre; terms if desired. T. C. Albright, R. 3, Box 115, Gravette, Ark.

Hotel for Sale—In town of Nettleton, good hotel town, three railroads; ten room, complete; can't take care of those that come here; one block to two depots. Price is right; a bargain at \$3,500; complete; terms.

Isard County Farm—225 acres, 100 acres in cultivation. Soil adapted for general farming, live stock and fruit; price, \$10 per acre if taken at once. C. B. Findley, Box 17, Melbourne, Ark.

For Lease—500 acres of rich farming land. Price \$5 per acre. A. J. Smith, Luxora, Ark.

John S. Loyd, of Old Lancaster Road, Haverford, Pa., wants information about the timber and coal resources of Yell county.

C. H. Jacob, of Drumwright, Okla., requests information about government land in the following counties: Carroll, Cleburne, Crawford, Marion, Montgomery, Stone and Washington.

"If I could get 160 acres of land in Arkansas I would be more than pleased. I would like to come at once with my family. Please tell me what place would be best to come to," is a request received from Eugene Oliver, Wadsworth, La.

Ray F. Dee, 1509 South Federal Ave., Mason City, Ia., writes as follows: "Has Arkansas any homestead land in Scott county. Please send information in regard to this?"

"Can you give me information about homestead land in Arkansas?" is a request from H. A. Moyer, Hillsboro, Ill.

T. W. Hepperlen, Midian, Kan., wants literature on Arkansas, especially the northwest and centralwest part.

Charles S. Heath, 109 River St., Ypsilanti, Mich.; requests information about homestead land in Arkansas.

"I am interested in Arkansas. Please send me a list of the farm lands that are for sale or lease in Arkansas. Herman J. Welch, A Flight Carlstrom Field, Arcadia, Fla.

Washington County Farm—40 acres, 15 acres in cultivation. Fenced and cross-fenced. Price \$20 per acre. Will trade for good Dodge car. A. J. Smith, Luxora, Ark.

Farm for Sale—280 acres, 200 in cultivation, 80 in timber. Three tenant houses; four wells and never-failing springs; barns and outbuildings; pasture and orchard; on daily rural route. Schools and churches convenient; two miles from Holland and 14 miles north of Conway. Mrs. J. M. Garrett, Conway, Ark.

Seventy-Acre Farm—30 acres in cultivation and 40 can be cleared, which is in pasture; one box house; barn and a good well of water; one mile from town; good schools. John H. Johnson, R. F. D. No. 1, Box 69, Bee Branch, Ark.

For Sale—15 acres land; five-room house; good water; small orchard; all under wire fence. This is located in town of Alpine, Ark., ideal poultry farm; good location for doctor. Three churches, good schools, two stores, postoffice, two blacksmith shops, cotton gin and grist mill. Price \$750. A. J. Elms, Atlee, Ark.

Forty-Acre Farm—Adapted to growing strawberries; unimproved; price, \$800, will take Ford car as part pay; balance terms; two miles from town. B. H. Sanders, Zack, Ark.

One Hundred and Sixty-Acre Farm—Fifty in cultivation; 35 in pasture; remainder well timbered; level; new buildings; five-room house; large barn; store and postoffice; terms reasonable. J. H. Southard, Baxter Co., Gravette, Ark.

Benton County Farm—30 acres, six-room house, poultry house, barn, shop and other out buildings. Deep well from which water is piped into the house. There is a twenty-acre apple orchard on the farm. Will sell fruit sprayer, wagon, harness and other farm machinery. Price for all \$9,000. J. M. Gipple, R. 3, Bentonville, Ark.

A Fine Farm in Northwest Arkansas—80 acres of which 11 acres are

in apples, 4½ acres in strawberries, two acres in blackberries, one acre in raspberries and a lot of gooseberries, currants, cherries, etc.; 65 acres in cultivation all of which is level land and practically free of stones. Five-room house, a barn and other outbuildings; priced right. J. Clem, R. 1, Decatur, Ark.

Fruit and Berry Farm—65 acres; 12 acres in apples, peaches, cherries and other fruits; fine well and spring water; modern house and out buildings. Will let place go at a bargain if sale is made quickly. C. M. Myrick, Siloam Springs, R. 3, Ark.

Two Farms for Sale—One farm has 80 acres and the other 200 acres. Price \$12.50 per acre. These farms are located in Cleburne county, where there is plenty of free range for stock. Good four-room houses on both farms, good water and fairly good barns. W. M. Boling, Banner, Ark.

A Pulaski County Farm—Near Ferndale, in the Little Maumelle country; 200 acres, of which 140 acres is fenced; 90 acres is in cultivation; four acres is in orchard; several springs, running water, three wells, one five-room house, one four-room house, and one two-room house, barns, fruit house, garage; full set of farm implements, including tractor and set of implements; two horses, 15 cattle and 20 hogs; only 15 miles from Fifth and Main street, Little Rock. On good road, at railroad station, R. F. D.; price reasonable and terms attractive. J. M. White, R. F. D. 7, Little Rock, Ark.

Van Buren County Farm—80 acres on pike road; three-room house, good well, large barn; 30 acres in cultivation; pasture, orchard, meadow and lots of good timber. Will sacrifice this place for \$700; \$400 cash and balance in annual payments of \$100 each. Geo. F. White, R. 2, Bee Branch, Ark.

Thirty-Nine Acres of Farm Land—All in cultivation and pasture. This place is divided into five-acre lots with woven wire fence. Two good wells, six-room house, smoke house, barn and other out buildings. Two acres in apples. Also one store building, 20x60 feet with 15x60 feet wings; a \$10,000 to \$12,000 stock of merchandise of general line. Price of farm \$2,500 and store building \$1,500. All must be sold by January 1. Geo. F. White, Bee Branch, Ark.

Sixty Acres—A bargain. J. J. Sims, Mt. Pleasant, Ark.

Two Farms For Sale—One has 127 acres, 30 acres in cultivation; good house and barn on the place; the other farm has 160 acres of which 40 acres are cleared; will sell these farms together or separate to suit purchaser. Geo. Tindele, Ben, Ark.

Saline County Farm—200 acres red land, well improved. This is a fine stock farm and also suited for general farming. Price \$35 per acre. T. B. Gilbert, Benton, Ark.

Eighty Acres of Bottom Land—15 acres in meadow, 25 acres slashed, balance in timber. All under good fence; well watered. Price \$40 per acre. Also a hill farm of 40 acres. Good barn with concrete embankment, drilled well. Eight acres cleared, balance in timber. Price \$1,200 cash. Geo. H. Steimal, Running Lake, Ark.

For Sale or Exchange—200 acres of rich land in White River bottoms protected from overflow. About 50 acres in cultivation, balance woodland. All level and well drained. About 100,000 feet of cypress and 50,000 feet of oak timber. Three miles from railroad. Owner wants smaller place. Frank Claycomb, Weldon, Ark.

Sharp County Farm—84 acres, all under wire fence. Seventy acres in cultivation. Small family orchard, a four-room house and a new barn, wheat granery and other outbuildings. A fine well of water near kitchen door. Daily mail and public school. Will sell stock, farming tools and feed. Butler Hotchkiss, Ash Flat, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

FOR SALE.

HEREFORD CATTLE.

Geo. M. Butler, Leola, Ark., offers a bull of breeding age for sale.

F. Trotter, Roe, Ark., has three young bulls and ten heifers for sale.

Hereford-Hampshire Home, Crossett, Ark., offers a \$10,000.00 herd of show cattle and one of best herds of 70 cows in the South for 40 cents on the dollar.

W. W. Pool, Thompson, Ark., has for sale one bull ready for service and one younger bull.

W. F. Dill, Thorney, Ark., has two bulls now of breeding age for sale.

F. E. Larrimore, Rogers, Ark., has four registered Hereford bulls, one year old for sale; also two registered Shorthorn bull calves, one roan and one white full Scotch.

University of Arkansas, Fayetteville, Ark., has for sale Hereford, Aberdeen Angus and Ayshire bulls all registered.

HOLSTEIN CATTLE.

The State Agricultural School, Monticello, Ark., has two bulls ready for service and four heifers for sale.

J. A. Edmonson, Optimus, Ark., has a two-year-old registered Holstein bull for sale or exchange, will sell for \$100. Also a grade four months old bull calf for \$25.00.

J. L. Bevers, Newport, Ark., has a Holstein bull of breeding age for sale.

Purebred Holstein bull, three and one-half years old; weight 1,200 pounds, for \$100. C. L. Robinson, Cabot, Ark.

JERSEY CATTLE.

The State Agricultural School, Monticello, Ark., has four bulls of breeding age, four bull calves and eight cows for sale.

Emide Farms, Everton, Ark., have one young bull for sale.

D. C. Welty, Texarkana, Ark., has for sale five bulls of breeding age, eight younger bulls and 50 cows, heifer and heifer calves.

Four-year-old registered Jersey bull for sale at \$75. P. S. Roberts, Wheeling, Ark.

SHORTHORN CATTLE.

R. H. Stokenberry & Sons, Elkins, Ark., three bulls of breeding age, two young bulls and three cows and heifers all registered.

E. D. Harris, Fordyce, Ark., has one five-year-old bull, six mature cows, three yearling heifers, one yearling bull and three spring heifer calves for sale.

G. D. Counts & Son, Wesley, Ark., have five bulls ready for service, three young bulls, four cows and heifers of breeding age and three heifer calves.

O. W. Carlson & Son, Bentonville, Ark., have two bulls ready for service and three heifers for sale.

M. F. Sloan, Noland, Ark., has two bulls ready for service, eight younger bulls, and 15 cows and heifers for sale.

Fletcher Bros., Lonoke, Ark., have two bulls ready for hard service for sale.

J. B. Austin, Gravette, Ark., has one bull ready for service, two young bulls and four heifers for sale.

J. F. John, Eureka Springs, Ark., has three bulls for sale, age nine months and two years.

C. Crowder, Bentonville, Ark., has two nice ten-months-old bulls which weigh about 700 each for sale at \$100 each.

J. M. Putman & Sons, Pea Ridge, Ark., have one bull and four females of breeding age for sale.

E. J. Sellick, Berryville, Ark., has two young bulls for sale.

J. D. Dalton, Valley Springs, Ark., has 15 head of Shorthorns for sale in-

cluding three bulls of breeding age.

Joe Garrett, Harmony, Ark., has white Shorthorn bull, registered, 15 months old, for sale.

RED POLL CATTLE.

E. C. Bellamy, Mammoth Spring, Ark., one bull ready for service.

G. W. Yaney & Sons, Marvell, Ark., have a number of bulls, ready for service and bull calves for sale.

Geo. H. Steimel, Runuing Lake, Ark., cattle for sale.

MILKING SHORTHORN CATTLE

R. A. Barnes, Prairie Grove, Ark., has two bulls of breeding age, one younger bull and seven cows and heifers for sale.

ABERDEEN-ANGUS CATTLE.

W. P. Talley, Prairie Grove, Ark., has three bulls ready for service, eight young bulls and 24 cows and heifers for sale.

HOGS.

HAMPSHIRE HOGS.

A. M. Rutenven, Cotter, Ark., several young boars and gilts for sale.

Crossett Hampshire Farms, Crossett, Ark., offer five boars ready for service, 15 younger boars and 100 sows and gilts for sale.

F. P. Owens, Bingen, Ark., has one tried boar and several tried sows, bred gilts, open gilts and about 20 pigs for sale.

Emide Farms, Everton, Ark., have 35 young gilts for sale.

CHESTER WHITE HOGS.

C. D. Brainard, Brentwood, Ark., has two boar pigs and five sow pigs about three months old for sale.

SPOTTED POLAND CHINA HOGS.

H. P. Wood, Lake Village, Ark., offers for sale one boar ready for service, ten boarings, three sows and gilts and ten gilt pigs.

M. L. Swihart, Leachville, Ark., has three young boars and three sow pigs for sale.

POLAND CHINA HOGS.

R. H. Stokenberry & Sons, Elkins, Ark., have six young boars and ten young gilts for sale.

Lucas & Kirkes, Van Buren, Ark., have two young boars and four young gilts.

Roy Sassamon, Arkadelphia, Ark., has for sale Poland China pigs registered.

E. C. Bellamy, Mammoth Spring, Ark., will have 40 head of Poland China pigs ready for sale by December 1.

Dorsett & Sons, Gravette, Ark., have for sale two boars ready for service, 23 younger boars and 38 sows and gilts.

C. D. Stevens, Magnolia, Ark., has three boars of breeding age, six younger boars and ten gilts for sale.

DUROC-JERSEY HOGS.

Geo. M. Butler, Leola, Ark., two Duroc boars of breeding age and seven younger boars and 15 gilts.

T. L. Parsons, Kirby, Ark., has two sows, four gilts and one boar pig for sale.

H. P. Wood, Lake Village, Ark., offers two boars of breeding age, 40 boar pigs, eight sows and gilts and 45 pigs for sale.

Grover Cleveland, Wabbaseka, Ark., has six boars of service age, 20 boar pigs, 30 sows and gilts and 25 sow pigs.

Tompkins Duroc Farms, Blytheville, Ark., have two boars and 45 gilts and gilt pigs for sale.

J. L. Bevers, Newport, Ark., has three young boars and 14 gilts for sale.

D. C. Webb, Forest City, Ark., is closing out his herd of 100 head of Durocs of all ages.

J. B. Austin, Gravette, Ark., six young boars and 15 sows and gilts.

Barber & Daughters, Havaua, Ark., offer one boar and 11 females of breeding age for sale.

E. J. Sellick, Berryville, Ark., has one boar of service age, five younger boars and two gilts for sale.

Registered Duroc-Jersey gilts and boars five and six months old, price \$15, \$20 and \$25 each. Bred sows for \$50 and \$75 each. L. W. Owens, R. 2, Bingen, Ark.

GOATS AND SHEEP.

W. F. Reeves, Marshall, Ark., has a purebred buck for sale. Also a number of good grade does and bucks. Will breed the does to his registered herd buck before shipping.

J. M. Putman & Son, Pea Ridge, Ark., have for sale 20 Cotswold rams and ten Shropshire rams of breeding age.

WANTED TO BUY—One or two milk goats. D. E. Adams, care K. C. S. freight office, Ft. Smith, Ark.

POULTRY.

Burbon Red Turkeys and Brown Leghorn birds for sale. L. A. Waters, Hackett, Ark.

Single Comb White Leghorn pullets from 288 egg line in lots of 10 or more \$1.25 each; less than 10, \$1.50 each. Sixty one and two-year-old hens, \$1.25 each. Valleyview Stock Farm, Aurora, Mo.

Cockrel from matings of Ferris Single Comb White Leghorns, trapnested 255-300 egg records, \$5 each; 2 or more to one address \$4.50 each. S. E. Martin, Franklin, Ark.

Mammoth Bronze turkeys, \$15 to \$25 for Toms; \$5 to \$12.50 for pullets and hens. S. E. Martin, Franklin, Ark.

Pure bred Barred Rock cockrels, \$2.50 each. Cleo David, Hartford, Ark.

African Geese ganders, five for \$15. L. W. Forbes, Hackett, Ark.

Buff Orpington cockrels and pullets for \$2 and \$3 each respectively. Also Back Jap Bantams for \$1 each; Naraganset turkeys for \$10 for hens and \$15 for Toms. L. W. Forbes, Hackett, Ark.

Single Comb Brown Leghorn cockerels \$1.50; Silver Spangled Hamburg cockrels, \$1.50 to \$2.00 each; Burbon Turkey Toms, \$5.00 each. Mrs. W. F. Sudmeyer, R. 1, London, Ark.

SEEDS

For Sale—Whipporwill, Black, Clay and Wonderful peas, also Spanish peanuts for sale. Forest P. Owens, Bingen, Ark.

Bunch Velvet beans at \$3.00 per bushel. N. T. Beasley, Kite, Ga.

Pure bred Delta Webber cotton seed, \$3.95 per bu.; ton lots, \$3.80; car lots, \$3.65.

Pure bred Lighting Express, \$5.90 per bu.; ton lots, \$5.75, f. o. b. Memphis. Write E. J. Bodman, Union Mercantile Trust Co., Little Rock, Ark.

MISCELLANEOUS.

Sorghum Syrup. Can furnish a car lot; excellent quality; put up in gallon buckets. Make offer. McF. Gibbs, Cashier, Bank of Glenwood. Glenwood, Ark.

Texas Seeded Ribbon Cane Syrup. A. B. Henderson. Douglasville, Tex.

Texas Seeded Ribbon Cane Syrup. Cleveland Henderson. Douglasville, Tex.

Dried Apples for sale, 20 pounds, postage paid, for \$3.75; 50 pounds, \$9.00; 100 pounds freight paid, for \$16.00. Bern Carlock, Springdale, Ark.

Alfalfa hay, best quality, for sale, \$13 to \$15 per ton. R. Q. Brown, County Agent, Charleston, Mo.

WANTED TO BUY.

Will purchase a few car loads of apples from growers or dealers. Carl

Hasting, Wyatt Hotel, Casper, Wyo.

Geo. M. Fohnson, Ashdown, Ark., wants a registered Jersey bull.

Wanted—Three registered Duroc gilts about three months old. H. A. McPherson, County Agent, McGehee, Ark.

Wanted to Buy—Johnson grass seed. J. J. Sims. Mt. Pleasant, Ark.

Where Arkansas Stands in Lumber Production

The lumber cut of the United States in 1920 was 33,798,800,000 feet, which is 2.2 per cent less than in 1919 and 27 per cent less than the peak in 1907.

The average price of lumber at the mill increased to \$38.42 per 1,000 feet, which is a raise of 150 per cent since 1910. The aggregate value of the cut is \$1,299,000,000. These are the highest annual valuations ever recorded, but do not indicate present conditions. They merely reflect the extremely high peak in the post-war lumber prices, which was passed in the first quarter of 1920.

Production of lumber, by principal States:

Production of Lumber by Principal States.

State.	Computed 1920.	Reported, 1919.	Per cent (increase or decrease).
M feet b. m.			
United States	33,798,800	34,552,100	- 2.2
Washington	5,525,000	4,961,200	X11.0
Oregon	3,317,000	2,577,400	X29.0
Louisiana	3,120,000	3,163,900	- 1.0
Mississippi	2,224,000	2,390,100	- 7.0
California	1,513,000	1,259,400	X20.0
Arkansas	1,452,200	1,772,200	-18.0
Alabama	1,439,200	1,798,800	-20.0
Texas	1,328,800	1,379,800	- 4.0
North Carolina	1,246,700	1,654,400	-25.0
Wisconsin	1,059,900	1,116,300	- 5.0
Virginia	1,014,400	1,098,000	- 8.0
Florida	1,000,900	1,137,400	-12.0
Idaho	970,000	765,400	X27.0
Tennessee	779,800	792,100	- 2.0
Georgia	761,800	894,000	-15.0
Michigan	749,800	875,900	-14.0
West Virginia	697,600	763,100	- 9.0
South Carolina	610,500	621,700	- 2.0
Minnesota	576,300	699,600	-18.0
Pennsylvania	520,000	630,500	-18.0
Maine	505,600	596,100	-15.0
Kentucky	421,100	512,100	-18.0
All other	2,965,200	3,092,700	- 4.0

Production of Lumber, by Principal Species.

Species	Computed 1920.	Reported, 1919.	Per cent (increase or decrease).
M feet b. m.			
United States	33,798,800	34,552,100	- 2.2
Softwoods	26,809,500	27,407,200	- 2.2
Yellow pine	11,091,000	13,062,900	-15.0
Douglas fir	6,960,000	5,902,200	X18.0
Western yellow pine	2,290,000	1,755,000	X30.0
Hemlock	1,850,000	1,755,000	X 5.0
White pine	1,500,000	1,723,700	-13.0
Spruce	825,000	980,000	-16.0
Cypress	625,000	656,200	- 5.0
Redwood	476,500	410,500	X16.0
Larch	390,000	388,100	X .5
White fir	280,000	223,400	X25.0
All other	522,000	550,200	- 5.0
Hardwoods	6,989,300	7,144,900	- 2.2
Oak	2,500,000	2,708,300	- 8.0
Maple	875,000	857,500	X 2.0
Gum	850,000	851,400	- .2
Chestnut	475,000	545,700	-13.0
Birch	405,000	375,100	X 8.0
Yellow poplar	350,000	328,500	X 7.0
Beech	325,000	359,000	-10.0
Elm	225,000	194,400	X16.0
Basswood	195,000	183,600	X 6.0
Tupelo	180,000	143,700	X25.0
All other	609,300	597,700	X 2.0

Position of Arkansas As Manufacturing State

The new census shows that in the United States there are 289,768 manufacturing enterprises. Arkansas has 3,123 and ranks 26th among the states, New York being first with 49,374, Pennsylvania second with 27,977 and Illinois third with 18,596.

Engaged in these industries are 9,103,200 wage earners, 50,000 of whom are employed in Arkansas, giving this state 33rd place among the states. Again New York, Pennsylvania and Illinois lead in the order named.

There is invested in these industries \$44,678,911,000 of which immense sum \$138,818,000 is placed in Arkansas. In the amount of capital invested Arkansas ranks 39th among the states.

ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

January, 1922

Free Public Lands in Arkansas and How Homesteads May Be Obtained Under State and Federal Laws

NOTHING is so alluring as that which is free and as long as there is an acre of public land left in Arkansas, no matter how hard and tedious may be the means of acquiring it, the stranger in other states, over whom has come the spell of pioneering, will look longingly toward our green hills, and for this reason the homestead movement is of value for it induces people to come and investigate Arkansas and if they do that they usually stay and become thrifty citizens, though seldom upon a government claim.

It is to answer the frequent inquiries made regarding free public lands, that this article is published. "Where are the free lands?" asks a writer. "What must I do to get a free home?" asks another. "What help does the Government give the settler?" is a frequent question. "Are the lands level or rough, have they timber or minerals, what crops will they grow, how far are they from the railroad, are they suitable for growing crops and is water plentiful?" is a rapid-fire questionnaire propounded by a homeseeker who wants details. "What special inducement is offered the ex-service man," is asked by many former soldiers and sailors. A reading of this article should answer all of these questions and probably others.

When Arkansas was opened to settlement the area of public lands amounted to something over 33 million acres. For more than 100 years people have been coming into the state and settling upon these lands; grants have been extended for the building of railroads; mineral and timber sales have been made and forest reserves established, reducing this public domain to such an extent that the United States government now owns in the State of Arkansas only 276,595 acres of vacant public land which it is willing to give away, and this land is scattered in tracts of from five to 35,000 acres, over more than 60 counties.

To locate any parcel of land it is necessary to obtain a township plat from the government land office in the district where the land is situated. A charge of \$1.00 is made for each township map. With such a diagram it would be necessary for the stranger to have with him someone familiar with the country before he could find the land and inspect it. The government furnishes no detail-



Starting a Farm in the Forests of Arkansas

ed descriptions of land and has no guides. A personal knowledge of the land is required before the homestead claim can be filed.

Entry is made at the local land office. The fee is \$6.00 for 40 acres. Proof may be completed and title obtained after a three-years' residence or patent may be obtained after 15 months residence by purchase at \$1.25 an acre. Leave of absence is allowed for five months each year if desired. Soldiers and sailors are credited with the time of their service, not to exceed two years.

A list of counties and their acreage of homestead land, arranged in district order, is published in this issue. A study of the map and literature of the state will acquaint the stranger with the character of the county in which

these lands are to be found and the nature of the crops adapted to any particular section, the mineral resources and industrial activities, if any. This knowledge must be obtained to enable one to arrive at a true estimate of the value of the land.

When it is remembered that the public domain has been picked over for so many years it will be understood that not the best land remains unclaimed. Much of it is in out-of-the-way places, some of it on mountain slopes or in river bottoms, inaccessible and undesirable. Yet there may be choice tracts here and there if one can take the time to search them out. It is this chance of getting good land that makes the prospective claim attractive. One cannot judge the lands by what others tell him. He must see the land, else there is the chance that it will prove disappointing.

To all seekers for free land the state extends every possible aid, but the state has no supervision over government land or connection with the land offices through which these lands are distributed. In supplying maps and general literature regarding the resources of Arkansas, the state offers the suggestion, if the stranger does not find what he wants in the government's stock of land, that he investigate the many rare bargains in land offered for sale by private owners in different parts of the state.

These privately owned lands, at the prices offered and on the terms by which they can be obtained, are the best investments in the world—vastly

(Continued On Page 4)

Vacant Public Land in Arkansas Listed by Counties

CAMDEN DISTRICT.

Ashley county, 135 acres, river or creek land; Bradley county, 167 acres, wet land; Calhoun county, 24 acres, river land, small tracts; Clark county, 40 acres, broken; Cleveland county, 14 acres, river land, small tracts; Columbia county, 8 acres, low, wet land; Drew county, two acres, on river; Garland county, 2,956 acres, mountainous; Hempstead county, 35 acres, on river, small tracts; Hot Spring county, 923 acres, mountainous; Howard county, 1,797 acres, mountainous; LaFayette county, 84 acres, low, wet land; Little River county, 102 acres, river land; Miller county, 56 acres part hilly part bottom; Montgomery county, 11,866 acres, mountainous; Ouachita county, five acres, river bottom; Pike county, 3,498 acres, mountainous; Polk county, 10,412 acres, mountainous; Saline county, 84 acres, mountainous; Scott county, 202 acres, mountainous; Sevier county, 507 acres, mountainous; Union county, 13 acres, river or creek land.

LITTLE ROCK DISTRICT.

Arkansas county, 210 acres, level; Cleburne county, 13,160 acres, mountainous, timbered; Cleveland county, 35 acres, broken, timbered; Conway county, 1,557 acres, mountainous, timbered; Crawford county, 6,040 acres, mountainous, timbered; Cross county, 163 acres, swampy, timbered; Desha county, 40 acres, swampy, timbered; Faulkner county, 1,040 acres, broken, timbered; Franklin county, 4,470 acres, broken, mountainous, timbered; Fulton county, 4,560 acres, broken, timbered; Garland county, 935 acres, mountainous; Grant county, 80 acres, broken, timbered; Independence county, 5,410 acres, broken, timbered; Izard county, 3,760 acres, broken, timbered; Jackson county, 200 acres, broken, timbered; Johnson county, 9,420 acres, broken, mountainous, timbered; Lawrence county, 500 acres, broken, timbered; Logan county, 5,300 acres, broken, timbered; Lonoke county, 40 acres, rolling; Mississippi county, 47 acres, swampy, timbered; Montgomery county, 100 acres, swampy, timbered; Perry county, 1,090 acres, swampy, timbered; Poinsett county, 82 acres, swampy, timbered; Pope county, 5,980 acres, broken, timbered; Pulaski county, 61 acres, broken, timbered; Randolph county, 4,960 acres, broken, timbered; Saline county, 780 acres, mountainous; Scott county, 17,840 acres, broken, mountainous, timbered; Sebastian county, 2,382 acres, broken, mountainous, timbered; Sharp county, 9,924 acres, broken, mountainous, timbered; Van Buren county, 35,120 acres, broken, timbered; White county, 599 acres, broken, timbered; Woodruff county, 60 acres, swampy; Yell county, 3,880 acres, broken, timbered.

HARRISON DISTRICT.

Baxter county, 16,380 acres, mountainous, timbered, mineral; Benton county, 680 acres, mountainous, timbered; Boone county, 2,320 acres, mountainous, timbered, mineral; Carroll county, 1,760 acres, mountainous, timbered; Crawford county, 360 acres, mountainous, timbered; Franklin county, 1,240 acres, mountainous, timbered; Fulton county, 10,000 acres, mountainous, timbered; Independence county, 200 acres, mountainous, timbered; Izard county, 9,280 acres, mountainous, timbered; Johnson county, 400 acres, mountainous, timbered; Madison county, 5,760 acres, mountainous, timbered; Marion county, 8,280 acres, mountainous, timbered, mineral; Newton county, 10,580 acres, mountainous, timbered, mineral; Searey county, 8,320 acres, mountainous, timbered; Stone county, 21,180 acres, mountainous, timbered; Van Buren county, 680 acres, mountainous, timbered; Washington county, 6,600 acres, mountainous, timbered.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

FARMOGRAMS

The rice crop of Arkansas for the year 1921 shows the remarkable average yield of 53.6 bushels per acre. The acreage was reduced from 181,400 last year to 118,990 this year, a decline of 34.4 per cent. The estimated production of 6,377,864 bushels is practically 72 per cent of last year's record crop of 8,889,000 bushels.

The presence of the sweet potato weevil is reported from parts of Oklahoma, just over the Arkansas line, though the pest has not appeared in this state. This emphasizes the importance of using only certified seed.

Warning is given of the spread of the pink boll worm in Texas. A strict quarantine has been established against the infested areas and the shipment of cotton seed is prohibited unless the seed has been inspected and certified as free from infection.

Produce shipments from Arkansas in 1921 are reported as follows: Strawberries, 1094 cars; peaches, 522 cars; cantaloupes, 1347 cars; watermelons, 508 cars; tomatoes, 21 cars; Irish potatoes, 105 cars.

In Arkansas the sugar cane crop this year produced an average of 184 gallons to the acre and sorghum an average of 90 gallons.

On December 1 the acreage of fall-plowed land, reported by correspondents of the Bureau of Crop Estimates, was only nine per cent of the total cultivated acreage.

Mississippi county, the banner agricultural county of Arkansas, this year, produced nearly one-tenth of the cotton crop of the state on one twenty-third of cotton acreage. The average yield was close to four-fifths of a bale to the acre.

It is the prediction of D. E. Eicher, a well-known fruit grower and former president of the Arkansas Horticultural Society, that in ten years Northwest Arkansas will be shipping as many carloads of grapes as it does of apples, which long have been the principal fruit crop of that section.

W. A. Decker of Weiner claims to have harvested 140 bushels of rice per acre from a tract of 27 acres of the Storm Proof variety. This is one of the largest yields ever reported. Mr. Decker says he made an average of 80 bushels per acre on his whole crop.

which the manufacturers must adhere and a rigid inspection system, including frequent analyses of goods inspected in the open market, protects the buyer of both feed and fertilizer against the substitution of inferior materials. The buyer of feed or fertilizer may feel reasonably sure that he is getting absolutely what the tag on the sack promises, but I find there is a great need for a better knowledge among farmers of the differences in grades of mixed feed, cotton seed meal and fertilizer. Without this knowledge a farmer may buy a product that is properly tagged and that wholly meets the requirements of the law and yet it possibly would not be what he expected or should have for his money. When every farmer is able to judge feed, fertilizer or cotton seed meal by the guaranteed analysis he will be able to make better use of protection that our splendid laws are trying to afford. During the last bi-ennial period 10,000 feed inspections were made, covering 328,000 tons of commercial feed and 1,000 separate lots of feed were withheld from sale because of certain irregularities. There was a similar activity in the inspection of fertilizer but not so many irregularities.

The fact that there is on the statute books a pure food law and that the Federal Government rigidly enforces its regulations on interstate traffic, enables the department to keep a watchful eye upon those who would adulterate or misbrand food products, notwithstanding there is no special appropriation for the inspection of foods. The pure food regulations are a protection, not only to the consumer but to the producer who must sell his butter, eggs, canned goods or fruits by honest weights and measures and under truthful labels. The department has co-operated actively with the Federal authorities in the protection of all known violators of the pure food laws.

Important in the administration of the feed and fertilizer laws and in the enforcement of the pure food regulations has been the help of the state chemical laboratory, which was established during my first term of office. In this laboratory there was made last year 1,533 analyses of commercial feeds, 1,040 analyses of fertilizers and 201 analyses of cotton seed meal besides numerous tests of food specimens and samples of drinking water. The services of this laboratory are available to any citizen of the state also for the examination of mineral specimens and for making soil tests.

Since the establishment of the State Plant Board, which is an adjunct also of this department, the state has been able to eradicate a destructive apple disease which in 1919 alone cost the apple growers of Northwest Arkansas \$250,000, and it has checked the spread of the cotton boll weevil and prevented the introduction of the pink boll worm. The rigid inspection of nursery stock also protects the orchardists of the state against the invasion of many diseases which are prevalent elsewhere. A better understanding of the importance of this work would arouse a sympathetic feeling in the public mind that would be immensely helpful. There is nothing so discouraging as opposition and this board in its fight against cedar rust has had many obstacles to overcome largely because the purpose of the work was not understood. The Plant Board has been able to do some effective work for the prevention of the spread of sweet potato diseases and a pest which preys upon legumes, the staff upon which the south leans in its stand for soil-building and crop diversification.

It seems to me that there is one branch of the department that could be of greater benefit to the farmer than all others if it could be brought into more extensive use. It is the Bureau

of Markets, created by the Act of 1917 permitting the organization of co-operative warehouses and providing for the licensing of public cotton gins. Under this law it is intended that a mark of identity should be attached to every bale of cotton and samples taken so that the cotton may be sold on its true grade and value or safely stored in a manner which would enable the owner to use his warehouse receipt as collateral upon which to borrow money. The law provides many ways in which conditions governing the marketing, not only of cotton, but of all farm products, might be improved, but the farmers have not taken advantage of it so readily as it was expected they would. As our people become familiar with the advantages of community co-operation it is probable that they will come to appreciate these facilities, designed to improve marketing conditions.

A part of the work of this Bureau of Markets is to publish monthly The Arkansas Farm and Marketing Bulletin which is mailed to 40,000 farmers and may be had without cost by any citizen of the state. As a medium for advertising live stock, poultry and other things that the farmer may have for sale or exchange, this little publication has been of great help and it compares favorably with publications which have since its introduction been established in other states.

Two years ago the state perfected an arrangement with the U. S. Department of Agriculture by which the work, in the state, of the Bureau of Crop Estimates, heretofore conducted independently by the Federal authorities, would be combined with the State Department of Agriculture and the crop reports issued periodically from Little Rock instead of from Washington. This places this information quickly available for general distribution over the state and a service is provided which keeps the farmer constantly advised of the condition of crops in all parts of the state. The farmer who has the best information about crop conditions is in the best position to get the prices his products deserve. The Arkansas Co-operative Crop Reporting Service issues an annual report summarizing the value of Arkansas farm and live stock products which should be in every farm home in the state. The monthly crop reports, compiled from material furnished by 2,500 local crop reporters, make valuable and interesting reading and may be had for the asking.

There is in connection with this department also a bureau of immigration which is helping to direct newcomers to desirable homes and in so doing helps to develop the idle lands. Maps and illustrated literature are mailed to hundreds of inquirers every day and many personal letters are answered giving specific information about the advantages of our state. Through these efforts many new people have been induced to come to the state and their coming has helped the state to grow in wealth and prosperity.

Through our publicity department we publish many bulletins and reports relating to timely agricultural subjects and we assist in the distribution of thousands of government bulletins supplied by the senators and representatives who want them placed in the hands of farmers who will make good use of them. We also furnish to the weekly newspapers over the state, and to the farm press and magazines all over the country, occasional articles on timely subjects obtaining in this way many columns of good advertising for Arkansas.

These are some of the things that our department is doing and some of the ways that we are trying to help improve agriculture in Arkansas. There is nothing that encourages us so much as to have the farmer make use of our facilities or to call upon us for some special service.

Work of the State Bureau of Mines, Manufactures and Agriculture.

Arkansas is a farming state and to agriculture we owe our prosperity. It is not surprising, therefore, that the state so carefully fosters the industry of the farmer or strives in so many ways for the betterment of agricultural conditions.

If the farmers of Arkansas were more familiar with all of the efforts the state is making to help them and if they would more often avail themselves of these facilities, I am sure that they would more easily solve many of their problems and would derive substantial benefits, and by making use of this machinery would keep it in better working order and encourage the state to make greater endeavors.

The State Department of Agriculture is a branch of the state government with offices at the Capitol in Little Rock. It is a part of a bureau that has to do also with matters pertaining to our mineral resources and our manufacturing industries. The Commissioner is charged with the duty of distributing information that will be helpful to the improvement of crops, the breeding of live stock and the marketing of farm products. This may be done by the publication of bulletins, the conducting of meetings, or in any other manner by which the farmer may be reached. During the past year there has been mailed to citizens of the state publications aggregating more than the total number

of farms in the state and a very large number of people have been reached by personal contact in meetings of various kinds by the Commissioner and his assistants.

One of the requirements of the original act under which the department was created is that there should be maintained at the State Capitol a permanent exhibit of the state's agricultural, mineral and timber products. This feature has not been neglected and I have made special effort to show the many people who visit the museum a creditable display and in this I have had the help of the progressive citizens of the state who have contributed many choice specimens from their county and community fairs, materially enlarging and refreshing the state collection.

From year to year the work of the department has been expanded until now, instead of being the small bureau as first created, it is an important administrative branch of the government and one of the branches of the government which happily pays its own way, for the special taxes that it collects more than meets the whole expenditures of the department and no levy really is made upon the general revenue for the work that this department performs for the farmer.

Most important of the duties of the department is to regulate and inspect the sale of feeds and fertilizers. Standards of quality are fixed to

Homeseekers Who Want to Buy Arkansas Farms.

A. Roystone, Box 483, Brandon, S. D., requests literature and map showing vacant land in Arkansas.

Wm. Whaley, Petersburg, Ind., is looking for a location for a home for himself and some friends and he is interested in any information about land near large cities or towns.

Wm. Riley, 810 Campbell St., Kansas City, Mo., is interested in agriculture and banking in Arkansas and will appreciate any information on these subjects.

P. E. Stubblefield, 1509 East Olive St., Bloomington, Ill., is interested in northwest Arkansas and requests information about the soil survey, railroad facilities, rainfall and other climatic features of that portion of the state.

James B. Cook, 2240 Lister Ave., asks for maps and literature pertaining to Ft. Smith and Rogers as he expects to visit each place in the near future.

David Smith, Hamilton, Ohio, desires to locate in the coal section of Arkansas and will appreciate any information about coal or any other kind of mineral prospects.

J. A. McKenzie, Bloomfield, Iowa, requests that information about Arkansas be sent to the following persons who are contemplating on moving to Arkansas: J. R. Pease, Floyd Sloan, I. O. Jenkins, Orin Reed, Clarence Reed, T. T. Talbot, Carl Games, Ed Martin, Harry Goode, Will Horn, Sig Stockum, Wm. Bandell, Floyd Brown, Clarence Blankenship, all of Bloomfield, Iowa.

Frank Mehling, 5630 Calumet Ave., Chicago, Ill., wants to invest \$1,200 or \$1,500 in a farm in the Ozarks and he will appreciate hearing from anyone who has a farm for sale at his price.

Ivan Targis, Box 52, R. 3, Yale, Ill., wants information about land and timber in White county.

Hoke Smith of R. 2, Cedar Hill, Texas, is anxious to locate on cheap land in Arkansas. He prefers homestead land.

Leonard Aspromonte, 339 E. 12th St., New York City, wants to locate on cheap land in Arkansas. He has lived in New York City for five years and now longs for the quiet and contentment of country life.

Another northern man who wants a cheap farm in Arkansas is F. M. Holland, 516 S. Michigan St., South Bend, Ind.

Charles A. Baker, R. 2, Morrill, Neb., intends to locate in Prairie county and will appreciate information about general farming prospects in that section.

D. L. Sadler, Sweetwater, Tenn., writes that he intends to make a trip through Arkansas this winter and will appreciate any information about agricultural conditions in the state.

Jessie D. Cook of Rolla, Kan., writes that she is coming to Arkansas in the near future and will be glad to get any literature about the state, particularly the northwest section.

C. O. Misener, 603 South Macomb Ave., El Reno, Okla., wants to hear from parties who have farm lands for sale.

G. M. Ferrell, Yazoo City, Miss., writes for booklet on agricultural and mineral resources of our state.

Lester Clymer, Vandalia, Ill., asks for literature about Arkansas land. He sends the following names of parties who are also interested:

William Marx, Box 921, Dickinson, N. D., wants information about farm lands in Arkansas.

Mrs. J. T. Blankenbaker, Leon, Va., wants information about the land and timber in Northwest Arkansas.

E. L. Gossard, Gen. Del., Winslow, Ariz., wants information about climate, soils, crops and land values in Arkansas.

John G. James, Roff, Okla., asks for facts about the natural resources of Arkansas. He is especially interested in information about livestock, horticulture, timber, etc.

Bruce Brothers, 403 Wallace St., Indianapolis, Ind., are interested in land in Columbia, Lafayette and Miller counties and will be glad to receive descriptive literature.

Edward F. Hill, Alton, Ala., wants to rent a small farm in Northwest Arkansas, with the privilege of buying later.

Mrs. J. A. Forgey, Lewisburg, Ky., Route 3, wants information about any healthy location in Arkansas.

"Will you please send me literature about agriculture in your state, also the selling price of good farm land? I want the best land I can get for \$1,000 or \$1,200 cash, I want forty acres or more," is a request received from Eb Beebe, 4223 Calumet Ave., Chicago, Ill.

J. W. Halford, 824 27th St., Newport News, Va., requests information about homestead lands

"Please send maps and other information about farm land in Arkansas," is a request from Floyd Bender, Albron, Ind.

"Will you please send me literature which describes Baxter county, also information about homestead lands?" writes T. R. Hurst, Diamond Ranch, Rosewell, New Mexico.

"Can you give me information about homestead land in Arkansas?" is a request from R. R. Lence, Box 671, Wichita, Kas.

B. H. Holmes, Homer La., requests information about homestead land in Arkansas.

Charles L. Johns, 236 Tarden St., San Antonio, Texas, requests information about government land.

J. A. Town, 408 South 6th St., Fort Smith, Ark., is thinking of locating near Walnut Ridge and engage in the production of Irish and sweet potatoes, alfalfa and poultry.

Oren P. Allen, Box 7 Dierks, Ark., requests information on Agriculture in Arkansas.

Sanford Johnson, 114 No. 3rd St., Herrington, Kan., writes that he wants to locate near a good railroad town

in Arkansas and will appreciate receiving literature and detailed information about various localities where farming is the leading industry.

W. F. Kruse, 725 Spaulding Bldg., Muskogee, Okla., writes for information about homestead lands in Arkansas.

C. H. Langford, Box 374, Athens, Tex., wants to find a section of good land in Arkansas which will grow peas, beans, potatoes and other truck crops. He prefers land that is partly timbered and suitable for stock raising.

Q. M. Garrett, Overbrook, Kan., requests information about agriculture, climate and soils in Arkansas.

Stephan Kostin, 23 Seaman Ave., Jersey City, N. J., asks for information about agricultural conditions in Prairie county. He wants this information for himself and friends who may move to Arkansas.

Geo. W. Bishop, Box 418, Sprague, Wis., requests statistics on the natural resources of Arkansas. He is particularly interested in securing all the information available about the country around Camden.

Lawrence M. Sager, Box 144, Marion Ohio, writes that he has visited Arkansas two or three times and that he wants to move to the state and buy land for a home. He has inspected land in the vicinity of Havana and would like to hear from some one who has land for sale in that section.

Will McCoy, Crosby, N. D., wants information about cheap lands in Arkansas.

H. F. Smith, Segovia, Texas, writes that he plans a visit to Montgomery county in March or April for the purpose of locating on homestead land or buying cheap land.

Helery B. Chism, of Danville, Ark., wants to buy a farm in Northwest Arkansas.

G. H. Burge, Mt. Vernon, Ia., wants to buy a small farm near a good school.

W. E. Stanton, R. 1, Covington, Okla., writes that there are four families including his own that wish to locate in Arkansas. They want to find cheap land.

A. L. Cruze, of Croton, Iowa, requests that descriptive literature about Arkansas be sent to the following parties: James S. Sherrick, A. L. Cruze, Winfield Scott, S. Sprouse, Croton, Iowa; Dr. James R. Wedel, Rebuk, Iowa, and L. S. Sallzagaves, Farmington, Iowa.

Wm. C. Reves, 331 North Front St., Anderson, S. C., writes that he wants to invest in farm lands in Arkansas. He prefers to locate where there is a good prospect for the automobile business.

FARMS FOR SALE

Eighty-acre Logan County Farm—50 acres in cultivation, thirty acres in bermuda; plenty of running water all the time; good orchard for family use. Nearly all the land is tillable. Good house and barn and smoke house. Farm is located five miles from a railroad town. Will sell with the farm one team of mules, one team of horses and thirteen head of cattle; one wagon, one mower and all my other farming implements. Will sell for part cash and remainder on five-year terms. Price of farm alone \$2,500. W. W. Stewart, Chismville, Ark.

Fifty-Acre Farm in Southwest Arkansas—22 acres are in cultivation with 15 acres creek bottom. Three-room house, barn, good well. Soil is adapted for fruit and truck growing. Located five miles from Amity and is near mail route. Will sell for cash or trade for city property. David L. Laubert, R. 2, Amity, Ark.

Fifty-six Acres in Hot Spring County—Improved woodland at railroad town. Also 99 town lots, 25x150 feet. All for

one thousand dollars. Will sell 40 acres of the unimproved land for \$600. C. F. Walters, Lono, Ark.

Eighty Acres on Public Road—Forty acres under good woven wire fence. Large house and small barn. Plenty of water all the time, an abundance of free range. Land is suitable for corn, cotton, sweet potatoes and other crops, it is also fine for fruits and stock raising. If you are looking for a bargain in the Sunny South it will pay you to investigate this proposition. Price \$800 with a small payment down and the balance on easy terms, can give possession at once. T. J. Dooly, Stafford, Ark.

Rich Mountain Land—One hundred and sixty acres. Zack Kizer, Davidson, Ark.

Randolph County Farm—408 acres; 200 acres in river and creek bottom and 125 or 150 acres in cultivation; will produce 30 to 40 bushels of corn and one ton of hay per acre. Good cotton, timothy and red clover soil; it is also good pasture land. The bottom

land is a clay loam; the upland has some rocks on it. There are three tenant houses and three good barns. All the land is fenced with wire and rails. This place can be made an ideal stock farm with some work and a little capital. Can give possession if sold right soon, otherwise I will renew my rental contract. Price \$17,000 with a cash payment of \$5,000. Three-fourths of all the mineral rights reserved. Victor P. Maynard, Duncan, Okla.

Eighty-Acre Upland Farm—Thirty-five acres in cultivation, 10 acres in pasture, balance in timber, mostly pine. Three-room box house, log barn. Farm is fenced and lies on a creek but does not overflow. Soil produces corn, cotton, hay, sorghum, etc. Cotton gin and grist mill four miles away; postoffice within two miles, fifteen miles from a railroad. Will sell for \$1000 cash or half cash and balance on payments. Can give possession at once. A. T. Yates, Onyx, Ark.

Will Sell or Exchange for Farm Land—Two lots in the town of Hope. Write to Alanzo Wise, Hope Ark.

Farm in the Boston Mountains—249 acres; three sets of improvements. One 5-room house, one 3-room house, one 2-room house. Barns and out buildings. Ninety acres fenced, 60 acres in cultivation, 28 acres in pasture, 159 acres in good timber. Nearly all the land is free from rocks. Adam Beverage, Dabney, Ark

Farms Wanted.

Will trade my farm here of 127 acres, 115 acres in cultivation; good fence and well located, for an Arkansas farm. My farm is well fenced and cross fenced, has fine water. W. B. Kissinger, Bakersfield, Mo.

Want 35 or 40 acres of good corn or cotton land to rent on shares; can give good references; want teams and implements furnished, and comfortable house; have grown boy to help; might handle 50 acres. H. O. Turner, R. 3, Little Rock, Ark.

More Strawberries For Sharp County.

Realizing the advantages of diversified farming, the farmers in Sharp county are turning their attention to truck farming. The cultivation of strawberries on a commercial scale will probably be undertaken next year by many land owners. A strawberry association has been organized with a membership of forty wide-awake farmers who are interested in the project.

Berry Growers At Gravette Organized.

The Gravette Vineyard Association recently held a meeting which was attended by all the members and many prospective members. The object of the meeting was to make preparations for handling the strawberry crop next spring which promises to be a big one. Several growers participated in the discussion of plans for marketing the crop. It is probable the membership will market the berries through the Ozark Fruit Growers' Association.

Arkansas Ranks Third In Cotton.

The final government report on cotton gives Arkansas third place among states in the number of bales produced. The total yield is estimated at 860,000 bales and the average yield per acre is estimated at 160 pounds. Arkansas lost second rank among states in yield to Mississippi by 10,000 bales, however, the yield per acre in Mississippi is lower than in Arkansas.

This is the second time in the history of the state that Arkansas has taken third rank among states in the production of cotton.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle For Sale

One high grade Holstein bull in good condition. Price for quick cash sale \$30 f. o. b. W. W. Stewart, Chismville, Ark.

Ferrets for sale, males \$4.00; females \$4.50. Yearling females \$5.00. Per dozen \$45. Thomas L. Sellers, New London, Ohio.

One registered Shorthorn bull, 15 months old, roan color. Well bred. Warren L. Shipman, Viola, Ark.

Two-year-old Gurnsey bull, advanced registry ancestry; cheap at \$500; will sell for \$300. W. R. Mahaffey, Crossett, Ark.

Two Holstein bulls and six females. All registered. J. M. Blackman, Danville, Ark.

J. R. Zimmerman, Kay, Ark., has two Holstein cows for sale.

David Feldman, Lape, Ark., offers for sale 25 head of registered Holsteins in which there are two bulls ready for breeding, 13 cows, five young bulls and five young heifers.

W. Arthur Jones, Paragould, Ark., offers for sale registered Jerseys as follows: One bull and nine females of breeding age, five bulls and four females not yet of breeding age. Also 13 registered Poland China boars, some of which were prize winners at the Arkansas State Fair, and nine sows and gilts.

G. W. Anders, Omaha, Ark., has three Hereford bulls for sale, two yearlings and one calf six months old.

H. B. DeShazo, Vidette, Ark., has seven Hereford bulls and 11 females for sale.

State Agricultural School, Magnolia, Ark., offers the following for sale: Five Jersey bulls, six Holstein bulls, three Shorthorn bulls and three Shorthorn cows, Four Berkshire boars and two gilts, Seven Hampshire boars and six gilts.

J. M. Hewitt, Marlanna, Ark., has for sale four Shorthorn bulls and ten Shorthorn cows all registered and good individuals.

J. R. Felton, Clifton, Ark., has a surplus of four Shorthorn bulls and ten Shorthorn cows for sale from one of the good registered herds of the State.

J. C. Jacks, Marianna, Ark., has two Hereford bulls for sale.

Livestock Wanted

Want to Buy—One or two milk goats at a reasonable price. J. E. Adams, K. C. S. Freight Office, Fort Smith, Ark.

Will buy good grade Angora goats, nannies preferred. The nearer Hunter, Ark., they can be purchased the better it will suit. Quote price and give description of what you have to sell. A. B. Wire, 1116 Alta St., Redlands, Calif.

I want to buy 100 common hair goats. G. W. McKinney, Peel, Ark.

Joe Joiner, of Magnolia, Ark., wants a Hereford bull of breeding age.

Hogs For Sale

Big bone spotted Poland China bred gilts for sale. Registered. W. S. Millett, Route 1, Everlin, Ark.

G. A. Henbest, Fayetteville, Ark., has for sale two Hampshire boars and one sow.

F. G. Nix, Magnolia, Ark., has a surplus of ten head of Duroc-Jersey hogs for sale.

Chas. E. Treece & Sons, Paragould, Ark., have registered Poland China hogs for sale in lots from one to 20 head or more.

M. B. Younce, Texarkana, Ark., Rt. No. 7, has a surplus of about 40 head of registered Poland-China hogs for sale.

C. S. Johnson, Booneville, Ark., can fill orders for good registered Poland China pigs at reasonable prices.

E. S. Barrentine, Earle, Ark., wants 100 bred Poland-China gilts for January delivery to be placed with club boys.

G. W. Sullivan, De Queen, Ark., has for sale four registered Poland-China boar pigs and one sow pig.

Judge J. O. Plummer, Marianna, Ark., has for sale 20 head of registered Poland-China hogs, ten boars and ten sows.

Chas. Stemock, Palestine, Ark., has for sale ten head of registered Poland-China hogs, two boars and eight sows.

Hy Jones, Marianna, Ark., has for sale 16 head of registered Duroc-Jersey hogs, four boars and 12 sows.

For Sale—Miscellaneous.

New Zealand rabbits; all ages. Choice stock. Price reasonable. Dixie Rabbitry. Box 177, Bearden, Ark.

New Zealand Red Rabbits, \$2.50 a pair; fine pets for children. Henry and Edwin Sudmeyer, R. 1, London, Ark.

One three-h. p. gasoline engine on truck; used less than 200 hours; first check for \$65 gets it. One No. 9 Letz feed grinder, like new, \$30; one corn stalk cutter, hand or belt operating, \$12. One four-bottle Babcock milk tester without acid, \$3.50. One 60-pound milk scale, \$4.00. One DeLaval two-unit milking machine all fixtures included, \$250. W. R. Mahaffey, Crossett, Ark.

One 15-horsepower Wallace Cub tractor, equipped with three 14-inch gang Case plows. One 18-inch cut-off saw rig; in good condition. Will take one good horse or good cattle for half payment. C. G. Burkett, Prairie Grove, Ark.

For Sale—Men's socks, knit from home spun wool, price \$1.10 per pair. Orders taken now for knitting socks next spring and summer. Give size of shoe you wear. Mrs. L. A. Yates, Onyx, Ark.

Half million cabbage plants, leading varieties; all frost proof and state inspected; 100 plants, postage paid, 35c; 1000 plants, postage paid, \$1.50; 5000 or more plants by express \$1.00 per 1000; 100 collard plants, 35c; 1000 collard plants, postage paid, \$1.50. Major Crow, R. 1, Flowery Branch, Ga.

Poultry For Sale

Banner strain White Wyandotte cockerels for sale from heavy layers. Price \$2.50 and up. Fairview Wyandott Egg Farm, Aurora, Mo.

Pure S. C. Rhode Island Red Cockerels, February birds, fancy bred. Ricksnacker strain. Mrs. J. F. Stevenson, Dardanelle, Ark.

Full blood mottled Ancona cockerels for sale, March hatch. Price \$2.50 each. C. C. Marshall, Imboden, Ark.

Barred Rock eggs from fine winter layers. Orders booked now in rotation for March and April delivery. Per setting of 15 eggs \$1.50; three settings for \$2.50, prepaid. Mrs. L. A. Yates, Onyx, Ark.

Prize Winners—Single comb Brown Leghorn and Silver Spangled Hamburg Cockerels. Am closing them out at \$1.50 each; both kind fine birds. No cheap stuff. W. F. Sudmeyer, R. 1, London, Ark.

SEED FOR SALE.

Texas sorghum syrup for sale \$3.90 per case of six number ten buckets, weight 75 lbs. packed for shipment by freight. Collect on delivery. Sample can by parcel post for 75 cents. A. B. Henderson, Douglassville, Tex.

Texas Ribbon cane syrup, \$6.00 per case of six number ten buckets, weight packed for shipment 75 pounds. A. B. Henderson, Douglassville, Texas.

Velvet beans, sacked in even weight bags in car lots or less. Bunch and runner varieties, early, \$1.25 f. o. b. this point. Contracts wanted. C. E. Stephens, Alexander, Ga.

Dahlia bulbs, double yellow and double red, \$1.50 per dozen or 15 cents each. Single yellow, red and white assorted, \$1.00 per dozen. Gladiolas, pink and red, per dozen, 50 cents; narcissus, per dozen, 25 cents. Annie Brown, R. 1, Box 146, Lowell, Ark.

For sale, Lespedeza seed. Write for prices. Louisiana Lespedeza Seed Growers' Association. Baton Rouge, Louisiana.

Apple and Peach trees, 15c to 25c each. Will exchange for Duroc Jersey pigs. The Langford Nursery, Bergman, Ark.

Bumpas seed corn, \$2.50 per bu. f. o. b. Smithville, Ark.

Pure bred Delta Webber cotton seed, \$3.95 per bu.; ton lots, \$3.80; car lots, \$3.65. Pure bred Lightning Express, \$5.90 per bu.; ton lots, \$5.75, f. o. b. Memphis. Write E. J. Bondman, Union Mercantile Trust Co., Little Rock, Ark.

Counties That Rank First In The New Census Figures.

First in number of farms, Jefferson county, 6,900.

First in amount of improved land in farms, Benton county, 248,960 acres.

First in value of farm property, Mississippi county, \$44,841,643.

First in average value of land alone, per acre, Mississippi county, \$128.01.

First in value of implements and machinery, Arkansas county, \$2,173,644.

First in value of live stock, Benton county, \$3,461,491.

First in number of horses, Benton county, 11,116.

First in number of mules, Mississippi county, 9,632.

First in number of beef cattle, Boone county, 13,704.

First in number of dairy cattle, Benton county, 21,774.

First in number of sheep, Madison county, 7,692.

First in number of goats, Carroll county, 8,267.

First in number of hogs, Union county, 36,738.

First in value of poultry, Benton county, \$258,313.

First in value of dairy products, Benton county, \$645,496.

First in production of honey, Greene county, 33,563 pounds.

First in production of wool, Madison county, 25,511 pounds.

First in production of corn, Mississippi county, 1,342,084 bushels.

First in production of oats, Washington county, 347,619 bushels.

First in production of wheat, Benton county, 290,562 bushels.

First in production of rice, Arkansas county, 4,231,296 bushels.

First in production of peanuts, Miller county, 25,450 bushels.

First in production of hay and forage, Washington county, 47,300 tons.

First in production of alfalfa, Mississippi county, 17,909 tons.

First in production of Irish potatoes, Sebastian county, 107,254 bushels.

First in production of sweet potatoes, Yell county, 307,176 bushels.

First in production of cotton, Mississippi county, 65,534 bales.

First in production of strawberries, Washington county, 3,396,555 quarts.

First in production of apples, Benton county, 3,187,012 bushels.

First in production of peaches, Pike county, 361,992 bushels.

First in production of grapes, Washington county, 255,034 pounds.

First in production of nuts, Jackson county, 70,602 pounds.

Free Public Land In Arkansas

(Continued From Page 1)

more promising than are the scattered remnants of free land. One can find improved farms, on good roads, in good neighborhoods and near good schools, or he can find unimproved timbered tracts offering the finest possibilities for development. The homesteader, tied down to a claim for three years, has no advantage over the man who can buy the pick of Arkansas land on time and pay for it maybe with his first crop.

The state's advice to the stranger seeking free land is for him to come and look over the country, study its opportunities and be awake to the possibilities of investment which everywhere abound.

The first step in undertaking to homestead land is to obtain a copy of the bulletin of instructions, distributed through the U. S. Land Office, Department of the Interior, Washington, D. C., or the local land office of which there are three in Arkansas, one at Little Rock, one at Camden and a third at Harrison.

Something should probably be said here about forfeited lands subject to donation under the state law. Application blanks may be obtained from the State Land Office at Little Rock. The head of a family or one who has arrived at the age of 21 years and is a citizen of the United States may acquire, for actual residence, any amount of forfeited land not to exceed 160 acres. The fee is \$10. Residence must be established on the land within three months, and three years actual, continuous residence is required. Five acres must be cleared and put into cultivation.

Again the stranger may be cautioned, for it must be remembered that these are lands which have reverted to the state for the non-payment of taxes and the state gives only a quit claim deed, a title that is by no means as perfect as a patent from the government or a warranty deed from the owner, and which may or may not be attacked by other claimants. If one has time and opportunity to investigate the cause of the forfeiture, the whereabouts of the delinquent owners and otherwise make sure that his claim will not be contested the "tax title land" may prove worthwhile, but as an investment it does not offer special promise to the newcomer.

The railroads and lumber companies own large tracts of unimproved land in Arkansas which are offered to settlers at low prices and on easy terms. Tracts of cut-over land are being developed for colonization purposes by land companies in southern and western Arkansas and these are proving attractive to the investor and homeseekers. There is plenty of good land to be found in Arkansas and there need be no complaint about the price or the terms of sale. The stranger is only asked to come to Arkansas and look around.

Dry weather has prevented the planting of wheat in Northwest Arkansas and there will not be the increased acreage expected.

Announcement from Washington by the Research Bureau of the Interstate Cotton Seed Crushers' Association, that cotton linters has been adopted by paper manufacturers as a successful substitute for cotton rags in the making of high-grade bond, ledger and book papers, marks the culmination of many years of persistent scientific experimentation.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 2 LITTLE ROCK, ARKANSAS February, 1922

Field Crops in 1921 Brought to Arkansas Farmers \$143,000,000, Government Figures Show

ARKANSAS field crops for 1921 show a total valuation of \$143,000,000 according to figures compiled by Charles S. Bouton of the Federal-State Co-operative Crop Reporting Service. This compares with a total value of \$198,000,000 for the same crops of last year, and shows a shrinkage in value of some 28 per cent. This is almost entirely due to the lower prices the farmers are receiving for their products, though there are lower yields of cotton and of one or two other crops. It is not due to the decrease in acreage, for there is in all crops only about two per cent less land in cultivation than for the preceding year.

The table of average yields, production, prices and values gives detailed figures for each of the field crops. Those touching cotton are not in the U. S. official figures, the final government estimates not having yet been issued, but they are believed to be a close approximation of what the figures will be when published.

The following comments on individual crops are pertinent. Corn, with the largest acreage in the history of the state, was expected to give the largest production, but owing to dry weather in September the yield per acre fell below expectations and the crop takes rank below the great crop of 1917, which was approximately 64,000,000 bushels.

Wheat this year has only one-third of the acreage devoted to this grain during the height of the war period. It is now a minor crop and has not been shown to be a success in the southern half of the state. The figures on oats are for grain only and do not include that portion of the crop mowed and used entirely as a hay crop.

Rice produced the largest yield per acre in the history of the crop in this state, and while in comparison with 1920 there were 50,000 less acres in cultivation, or about only two-thirds of the previous year, the total crop was three-fourths of that of 1920. It has been raised at much less expense and represents an actual profit this year instead of a loss, as was the case a year ago.

The figures on hay, both tame and wild, are not greatly different in acreage and yield from those of one year ago, but owing to price shrinkages the value of this crop is only about 60 per cent of that of 1921.



Leading Products of an Average Arkansas Farm

White potatoes have the lowest yield in a number of years, though the price was equal to last year's. Sweet potatoes showed an increased acreage and an equal yield per acre

but a lower price, the whole crop being worth some \$800,000 less than last year's crop.

Cow peas were increased in acreage, especially where grown with oth-

er crops, such as corn, and the yield per acre was doubled. Therefore, the value of the past year's crop was more than twice that of the preceding year.

Sorghum syrup was another crop for which the acreage was increased and as the yield of 88 gallons was almost equal to that in 1920, the total production exceeded that of the previous year, but the value was not much more than one-half of that of 1920, the price for the past year's crop being 57 cents a gallon.

It is expected that the government's final ginning report will show a yield close to 815,000 standard bales of cotton, which, at an average price of 16.1 cents was worth \$65,607,000.

Mississippi county, producing over 77,000 running bales, made almost one-tenth of the entire crop of the state. The lint yield per acre in this county amounted to the remarkable figure of seven-ninths of a bale,

or about 390 pounds per acre. The heavy and surprising yields, not only in this county but in Jackson, Craighead, Clay, Poinsett, Woodruff and other counties, raise the average lint per acre of the state to almost 166 pounds, or one-third of a bale to the acre. This is far above what the earlier estimates indicated and more than offset the exceedingly low yields in southern and southwestern Arkansas of 85 and 90 pounds to the acre.

Figures on fruits and live stock and the resume for the year will be given in the next issue of the Farm and Marketing Bulletin.

Rice Production by States

The U. S. Bureau of Markets and Crop Estimates has issued the following revised figures for the 1921 rice crop:

	Acres	Yield Bu.	Product'n Bu.
Louisiana	480,000	34.5	16,656,000
Arkansas	125,000	53.5	6,688,000
California	120,000	49.0	5,880,000
Texas	155,000	36.1	5,596,000

U. S.	896,000	39.18	35,105,000
U. S., five-year average.....			37,189,000

Farmers' Bulletin No. 2112, issued by the U. S. Department of Agriculture, treats on the subject of Straighthead, which is said to be one of the most destructive diseases of the rice crop. The disease gets its name from the erect heads of the diseased plants

Statistics on Leading Field Crops in Arkansas for 1921

Crop	Acres	Yield Per A.	Total Production	Price Dec. 1, 1921	Total Value	Gross Per A.
Corn, bu.	2,734,000	22.	60,148,000	\$.57	\$34,284,360	\$12
Wheat, bu.	103,000	9.3	958,000	1.00	958,000	9
Oats (grain only) ..	300,000	22.	6,600,000	.45	2,970,000	10
Rye (grain only) ..	1,000	9.	9,000	1.30	11,700	11
Rice, bu.	125,000	53.5	6,688,000	.92	6,152,960	40
Hay (tame) tons ..	670,000	1.08	724,000	12.50	9,050,000	14
Hay (wild) tons ..	129,000	1.05	135,000	9.00	1,215,000	10
Potatoes (white) bushels ..	33,000	55.	1,815,000	1.80	3,267,000	100
Potatoes (sweet) bushels ..	54,000	105.	5,670,000	.82	4,649,400	90
Peas (grain) lb.	16,000	720.	11,520,000	.05	576,000	36
Cowpeas (grain) bushels ..	41,000	10.	410,000	1.45	594,500	15
Sorghum (grain) bushels ..	1,000	22.	22,000	.90	19,800	20
Broomcorn, lbs.	1,000	300.	300,000	.35	10,500	10
Sorghum (syrup) gallons ..	45,000	88.	3,960,000	.57	2,257,000	50
Ribbon cane, gals. ..	2,800	175.				
Cot. lint, bales..	2,384,000	166. lbs.	815,000	.161	65,607,000	31
Cot. seed, tons ..	2,384,000	332. lbs.	395,000	29.00	11,455,000	31

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

That the Texas fever tick is being gradually driven out of the south is shown by the recent order of the Secretary of Agriculture which releases nearly 30,000 square miles of territory from quarantine. Seventy-two per cent of all the tick infested area has been cleaned up leaving only 28 per cent unfinished. The recent order does not affect the quarantined area in Arkansas.

From a Poland China sow that cost \$25 when two months old, Shipman Brothers, live stock growers of Sharp county have sold \$524.70 worth of pigs for breeding purposes. The sow will be three years old in March 1922, yet she has already had three litters of pigs. The first litter, eight in number, sold for \$244.70; the second litter, eight in number, sold for \$150; the third litter sold for \$150.

The planting of Fulghum oats has materially increased in Sebastian county this year. The Fulghum has shown a marked increase in yield over spring oats during the last three years. Many farmers in the county are convinced that the Fulghum variety is superior for grain, for a winter cover crop and for pasture.

There have been organized in the state 25 local branches of the Arkansas Sweet Potato Association. The buyers in the northern and eastern markets are well pleased with the grade and pack, and satisfactory prices have been received for the few cars that have been shipped. Last year Arkansas shipped 464 cars of sweet potatoes.

Benton county has shipped several cars of black walnuts this season and the shipment of three cars of hickory nuts is reported from Sevier county.

It is reported that the bale weight of cotton is unusually low in parts of South Arkansas, the average for several gins showing only 450 pounds and a few bales running as low as 275 pounds.

That poultry can be made profitable in Garland county, is shown by the record of Mrs. J. L. Booth, near Hot Springs, who sold \$1,100 worth of eggs during the first eleven months of the year. She also sold \$90 worth of poultry and has 430 head left in her yards. The entire cost of keeping the flock was \$480.

Cherry Valley has a sweet potato storage house with a capacity of 4,000 bushels, and it was filled with richly flavored tubers such as grow only in Arkansas. The storage house is owned by the members of the Sweet Potato Growers Association, it was financed by the Cherry Valley Bank, but the debt will be paid off in four years by a tax of ten cents per bushel on the potatoes stored.

Sweet potato growers in the vicinity of Cotton Plant propose to counteract the boll weevil by starving the pest to death with an increased acreage of sweet potatoes, which is a wonderful food crop for man but is not found on the menu of the boll weevil. The growers have organized into an association for the purpose of growing, curing and marketing sweet potatoes.

There ought to be widespread interest in strawberries among enterprising farmers around Stuttgart as a result of the success of A. L. Huffman, who sold \$1,123.50 worth of berries from three acres inside the city limits. He marketed 6,000 quarts locally for the neat sum of \$1,565. The total cost of raising, picking and marketing was \$441.50.

Dr. Joe E. Bux, state veterinarian, reports that there is considerable hog cholera in the state. This need not cause undue alarm among hog raisers who take advantage of the state service in supplying serum to farmers at cost, because vaccination makes the hog practically cholera proof. The merits of the serum treatment are known to thousands of our farmers, yet each year many fine herds are wiped out by the disease simply because the owners did not take the precaution to use the serum treatment.

Terracing hill land is the order of the day in some parts of western Arkansas. Already thousands of farms have been terraced to prevent erosion, and the beneficial effects of the terraces are so evident that those who were skeptical of the proposition four or five years ago have been converted. Every acre of land that is subject to washing ought to be terraced because this method of holding the soil not only benefits the present owner of the land but it will benefit the coming generation who must depend upon the same land for their living.

It is reported that radishes will be raised as a money crop this year by farmers in the vicinity of Beebe. Arkansas grown radishes are known in all the leading markets of the country for fine quality and the supply has never exceeded the demand so long as the quality is maintained. One obstacle which the growers in other parts of the state have been up against is high freight rates. However, lower rates are promised, and the outlook in general is encouraging.

Results at the Mississippi Experiment Station and the experience of many farmers of the state have demonstrated that lespedeza is a wonderful legume. As a land improver it has few equals. It ranks right along with alfalfa hay as a feed and, in fact, has an advantage in that it can be fed to work stock without any bad effects at all. It is comparatively easy to cure. It has proved to be a good pasture plant. It reseeds itself. Most of all, it is one of the best rotation crops and improves the land wonderfully and at the same time, being a hay and money crop and very profitable, we consider lespedeza one of the best crops that we have.

The Arkansas Sweet Potato Growers' Association is marketing sweet potatoes in the North at satisfactory prices for its members. Southern grown sweets are in great demand among northern consumers, and the demand is rapidly increasing. New market centers are opened every year where the southern sweet potato was unknown before. An example of the demand created almost by chance is shown by the consumption in one Iowa town. A recruit from this town was trained in a southern camp and there acquired a taste for the delicious sweet potato. He carried this taste to France and then back home in Iowa. There among his friends he waxed so enthusiastic over the southern sweet potato that a commission firm ordered a carload from the South. This car of sweets was followed by twenty-nine other cars in a year.

Hog Killing Time Suggests This Homely Recipe

Cold weather, of which we have had very little in Arkansas up to this time, will be coming on pretty soon and there will be hogs to kill. We should cure and put away more of our meat, so that we may enjoy smoked bacon and sugar cured hams, which are far superior to the fresh meat, all the year around. The following recipe for curing meat on the farm was written by Dr. H. J. Waters, former dean of the Missouri College of Agriculture:

"For each one thousand pounds of meat use the following: Forty pounds common salt; ten pounds New Orleans sugar, four pounds black pepper, one and one-half pounds salt-petre, one-half pound cayenne pepper. For a less quantity use less of the mixture.

"Let the meat cool thoroughly. After mixing the ingredients, one-half of the amount should be rubbed well into the meat. Put the meat in a dry, cool place (never in a cellar). Let it remain two weeks, then rub on the remainder of the cure, and let it lie about six weeks, when it is ready to hang.

"It is important that the meat be well rubbed each time the cure is applied, that plenty of the cure be forced in the hock end and around the joints. Less cure should be used on the thin sides than on the joints. The heavier and fatter the meat, the longer the time required for curing. The warmer the weather the quicker the meat will take the cure. These arrangements are estimated on the ba-

sis of about 200 or 225-pound hogs and ordinary January, February and March weather.

"While in general a light straw color would indicate sufficient smoking, it is always safe to try a piece of thin bacon or shoulder, to be certain that the process has been carried far enough to give proper flavor and cure. The hams may be kept one, two or three years without detriment, and will improve in flavor up to the end of at least two years. No deterioration will take place for even five years if a ham is properly cured.

"Smoking should be done slowly. It should occupy two to six weeks, a little every day, and with little heat. Slow smoking gives a delicate flavor. After the smoking is finished wrap each piece in paper, put in an unwashed flour sack and hang in a dry place."

The father of Doctor Waters, at the time of his death, some ten years ago, was a farmer in the vicinity of Hope. It is understood that this method of curing meat was long used in the Waters family, both in Arkansas and in Missouri.

Cotton Conference Warns Against Increased Acreage in 1922

At a meeting of the Southern Cotton Conference in Memphis on December 12-13, resolutions were adopted warning the farmers of the South of the danger of increasing the cotton acreage this year. The following plan was proposed:

1—That every farm produce the feed stuffs necessary to care for the stock on the farm, and that the acreage planted to feed be based on the minimum production of a bad year and not on the maximum production of a good year.

2—That every farmer be urged to make an independent home living through utilizing the products of at least one cow, one sow, one rooster and two dozen hens, and by producing on his farm all food stuffs that soil and climatic conditions will permit.

3—That farmers, after allotting ample acreage to feed stuffs and food stuffs, plant that cotton acreage that can be properly and economically cultivated, but under no circumstances and in no instance shall the total cultivated acreage planted to cotton exceed that planted in 1921.

4—That bankers, credit merchants and land owners be urged to insist on this plan and pledge their aid in securing its adoption by giving liberal credits to assist needy farmers to purchase cows, sows and hens and grow food and feed crops and by co-operating with farmers and farm organizations in every possible way to procure a fair cash market for all farm crops and produce as well as cotton. That the newspapers of the South be requested to endorse this plan and to give it the widest publicity and that all organizations of farmers be urged to endorse it and to insist upon its adoption by their members.

All enlightened opinion, friendly to the cotton grower, is agreed that a new crop of more than 10,000,000 bales of cotton would be extremely hazardous. The acreage planted last spring was enough for a crop of more than 10,000,000 bales, under average conditions.

Development in Eldorado Oil and Gas Field in 1921

There were 589 producing oil wells in the Eldorado field on January 1, 1921, with a total production of 11,672,480 barrels of the value of \$23,344,960. The development by months is shown as follows:

	Wells Completed	Oil	Gas	Dry	Barrels Sold
Jan.	9	1	2	6	No Sales
Feb.	4	4	...	...	No Sales
March	15	12	1	2	No Sales
April	25	19	3	3	No Sales
May	58	51	4	3	930,000
June	98	90	3	5	1,168,350
July	76	71	3	2	1,596,500
Aug.	97	91	4	2	1,948,753
Sept.	76	70	1	5	1,437,730
Oct.	90	83	3	4	1,355,847
Nov.	41	31	5	5	1,830,800
Dec.	83	75	3	5	1,404,500
Total.....	673	598	32	42	11,672,480

Homeseekers Who Want to Buy Arkansas Farms.

Ben Canada, R. S, Box 120, Dallas, Tex., writes for a map of Arkansas. He is interested in this state from a settler's standpoint.

E. H. Finch, Box 930, Cheyenne, Wyo., has made inquiry about land suitable for the growth of pears.

E. T. Marshall, 1925 West Washington Blvd., Chicago, Ill., writes that he intends to make a trip through Arkansas next summer in search of a farm suitable for a permanent home. He is particularly interested in the country around Hot Springs and Murfreesboro.

"I have heard a lot about Arkansas being a good corn and hog producing state, and since that is my game I would like to have some information concerning same; also what good farms, well improved, can be bought for," writes S. A. Wyncoop, Frankfort, Ind.

Mrs. W. D. LaCraze, R. 2, Ringgold, La., writes for maps and other literature about Arkansas.

E. Todd, Bainbridge, Ind., requests soil maps and other literature about the agricultural opportunities in Arkansas.

Joseph Gill, 1006 Hickory street, St. Louis, Mo., who is an ex-service man, wants to locate in Arkansas, where he expects to make farming a profession.

E. A. Lauer, 219 South 10th street, Burlington, Ia., writes as follows: "Will you please send me information regarding land in northeast Arkansas suitable for agriculture, poultry farming, etc. Any information regarding the climate, rainfall, etc., will be appreciated."

Miss Josephine Welch, Brookland Hotel, Kansas City, Mo., is thinking about purchasing a farm in Arkansas.

Margaret Rogers, 1405 Title Trust Bldg., Chicago, Ill., asks for information about farming in Arkansas.

Henry O. Peterson, R. 1, Box 78, Clear Lake, Minn., is interested in gathering information about general farming and livestock opportunities in Arkansas.

E. W. Kuper, 119 Main street, Evansville, Ind., wants information about soils and crops and the prices of land.

Dr. J. S. Summers, 208 Main street, Jefferson City, Mo., is interested in the country about Kensett. He requests information about the soils there.

E. A. Daudy, Yuma, Colo., wants all the information he can get about northwest Arkansas as a farming country.

The following letter is from G. L. Briscoe, general delivery, Garnett, Kan.: "Will you please send me 'Arkansas Information' and crop reports? I think Arkansas is a great state."

Mrs. Minnie M. Chapman, 25 North Dearborn street, Chicago, Ill., writes for data about small farms where a family can make a living easier than in the city. She is interested in learning more about the southern part of Arkansas and would like to hear from some one who has good uncultivated land for sale cheap.

"I understand that you issue several booklets on Industrial Arkansas and on agricultural lands. May I have a copy of each of these booklets for my own use, and also maps that show the location of best agricultural lands," is a request from John Epps, 5795 S. Michigan Blvd., Chicago, Ill.

"Will you please send me a state map and other literature? I gave the one you sent me to a farmer friend of mine and now he has bought a fine piece of land in Randolph county. There are six families of us that intend to locate down there this coming spring," writes J. D. Myers, Box 231, Topeka, Kan.

Marion W. Vanarsdall, Harrodsburg, Ky., is interested in gathering information about government land in Arkansas.

"I am anxious to get in touch with individuals who are handling large tracts of land in Arkansas for colonization purposes," writes Beth B. Bowlers, 759 Ninth St., Milwaukee, Wis.

W. D. Morlan, 1015 Boatman Bank Bldg., St. Louis, Mo., requests that maps and other literature about farming be sent to him.

"Please send me information about Arkansas land," is a request received from T. G. Steinbreaker, 1311 N. Clark St., Chicago, Ill.

C. A. Springer, 10 S. Fifth Avenue, La Grange, Ill., asks for a copy of Arkansas crop reports, maps and other literature useful to one who is seeking information about agricultural conditions in Arkansas.

Howard Cohn, 34 Squire St., West Carolton, Ohio, wants to move to Arkansas next spring and he has made inquiry about farm conditions and the price of land here.

Harry P. Johnson, R. 2, Grayville, Ill., writes as follows: "I would like to hear from parties who have small farms for sale at a bargain. Am interested in the Ozark section and the black belt of southwest Arkansas."

L. M. Sager, 621 Mt. Vernon Ave., Marion, Ohio, wants to purchase some good unimproved land in Arkansas.

"Will you kindly send me what information you have in regard to winter health resorts, manufacturing, and agriculture," is a request received from Ethel R. Johnson, State Normal School, Madison, S. D.

Fred Hanson, 2315 Adams Ave., East Omaha, Neb., is thinking about moving to Arkansas and will appreciate all the information he can get about land in the Ozarks.

John B. Thompson, General Delivery, Chattanooga, Tenn., asks for a list of minerals found in Cleburne county, Arkansas.

"There are several of us here who are interested in Northwest Arkansas and may look over that country with the idea of locating there. We want land suitable for fruit raising, stock growing and general agriculture," writes R. C. Mills, 415 North Main Ave., Sioux Falls, S. D.

"Can you furnish me with some literature on Arkansas lands? I am thinking of purchasing land there and will appreciate whatever data you have," writes Miss Gertrude Campbell, 3909 Benton Blvd., Kansas City, Mo.

C. G. McMinn, 1411 East Forty-seventh St., Chicago, Ill., is interested in Arkansas from an investor's standpoint. He requests maps and literature about the agricultural and mineral resources of the state. He also requests that literature of the same nature be sent to R. H. McMinn, 2435 Drake Ave., Chicago, Ill.

"I am thinking about purchasing land in Arkansas and will appreciate any information you can give about the soils and farm conditions there," writes Edith Clarke, 3909 Benton Blvd., Kansas City, Mo.

George H. Laird, Rainier, Wash., writes for information about farm lands around Mountain Home, Ark. He asks particularly about the kind of drinking water and about the climate.

C. I. Green, 3740 Manuel Ave., St. Louis, Mo., requests information about farm lands in Clark, Nevada, Miller, Pike and Ouachita counties. Mr. Green would like to hear directly from land owners who wish to sell.

"I am thinking of buying some land in your state and would be pleased to have you send me maps, general information and crop reports of Arkansas," writes A. A. Gillespie, 401 North Pleasant St., Independence, Mo.

"Kindly send maps and information about land and crops. I would like to have special report on Dallas and Grant counties," writes R. H. Hessel-flo, 3915 Walnut St., Kansas City, Mo.

"Will you please send me all the literature you have relative to Arkansas farming, prices of farm lands; also death rate by counties, if such information is available," is a request from W. P. Sutherland, Colley, Va.

It is requested that information about agricultural conditions in Arkansas be sent to Mrs. E. E. McCormack, 119 North Nineteenth St., St. Louis, Mo.

I. H. Lamb, Candler, N. C., asks for information about farm land in Madison and Newton counties.

F. M. Scales, Boonville, Ind., is interested in gathering information about state and timber lands and will appreciate hearing from parties who have such land.

C. O. Johnson, Route 1, Deering, N. D., wants information about farm lands in Benton county.

"Kindly let me have some information about agriculture in your state. Arkansas has been highly recommended to me for agriculture," writes F. Fountain, 2514 Sixteenth St., East, Calgary, Alberta, Canada.

R. L. Manning, 36 W. Randolph St., Chicago, Ill., requests information about conditions here for men of small means who desire to engage in farming.

M. M. Chapman, 25 N. Dearborn St., Chicago, Ill., writes for literature about agriculture.

H. H. Kerr, Room 306, Commerce Hotel, Topeka, Kan., writes that he is interested in some property about forty miles south of Little Rock and that he would appreciate the receipt of maps and literature about agriculture and minerals in that section.

Ray Welch, Route 2, Duncombe, Ia., wants information about a location in Arkansas suitable for farming and stock raising.

E. D. Lee, Route 2, Lorimor, Ia., writes that land is so high up there and the winters so cold that he and some of his neighbors are thinking about moving to Arkansas. He sends the name of Ed Beeber, Lee Stewart and Rob Graham, all of Lorimor, and literature descriptive of the state has been sent to him.

Press Waggoner, 968 North Monroe St., Decatur, Ill., asks for information about government land.

S. J. Snyder, Ossawatimie, Kan., is looking for homestead land.

R. Elmer, 1458 Emmet St., Omaha, Neb., is looking for a good location for a poultry farm.

From Florida comes a request for Arkansas information to be sent to L. Zehlein, 120 Clay St., Jacksonville.

L. H. Hale, Box 132, Orchard, Colo., is interested in Arkansas.

Andrew Hughes, 970 Lambertson St., Trenton, N. J., is an inquirer for state literature.

An inquiry about Johnson county comes from W. R. DeWitt, Columbus Junction, Wis.

B. W. Brown, Moreno, Cal., is interested in bee keeping, fruit growing and general farming, and wants to know what opportunities are offered in Arkansas.

James B. Carter, Rice Lake, Wis., wants to buy a tract of timber land near a river in a healthy community.

Cheap undeveloped land is wanted by G. H. Marsh, 113 E. Crane St., Topeka, Kan.

H. Vaniman, R. 6, Dayton, Ohio, contemplates moving to Arkansas.

Farms for Sale

Scott County Farm—95 acres, well improved, good house and barn; 65 acres in cultivation; five miles from county seat and one mile from Hon; terms; price \$5,000. J. F. Doyle, Hon, Ark.

Fruit and Berry Farm in Yell County—Twenty acres on which there are 400 fruit trees, and one acre in strawberries; two springs, three-room house and a chicken house; one mile from Ola. D. W. Louderhack, Ola, Ark.

Two Hundred Acre Farm at a Bargain—150 acres in cultivation; hog-proof fence, small house, plenty of water, stock range and other advantages. Possession any time; \$800 loan payable in eight years; \$400 cash will turn the deal, balance on easy terms. Will take good Ford as part pay. Write for full particulars. Box 175, Higden, Ark.

Eighty Acre Farm Three Miles From Town—Fine soil for strawberries and general farming. Splendid springs of pure water; large box house and family orchard. The place goes for \$1,200 for quick sale. Mrs. Mattie Sullivan, DeQueen, Ark.

Farm in Carroll County—210 acres, 80 acres in cultivation, 80 acres fenced for cattle and goats, 30 acres fenced for hogs. A big 4-room house, porch and fireplace; also a stone and cement cellar with apple storehouse up stairs; barn and other out-buildings, and a family orchard; five miles from Berryville. Will sell complete with implements, stock, tools and household goods for \$35 per acre. Max Gunther, Berryville, Ark.

Eighty Acres and Grocery Store—At Kress City, Ark., Will sell land, stock and implement, together or separate. This is an ideal location only five miles from county seat. W. A. Smithy, Box 15, Lewisville, Ark.

Farm of 120 Acres—55 acres in cultivation and can be mowed if put in meadow. Good well of water and good dwelling; hen house and barn; near school, store and postoffice; price \$1,200; \$400 cash, balance on terms. Mrs. A. J. Wright, Rex, Ark.

Cleburne County Farm—145 acres; 80 acres in cultivation and the remainder in good growing timber. This is a valley farm, the land is either level or rolling; well constructed frame house, a good 4-room tenant house. Large barn, big sheds on each side and have carrier in barn; also good out-buildings; young orchard coming into bearing on seven acres of the land; lots of pure water. This desirable farm is one mile from Higden and in the special school district. Price reasonable and good terms on part of purchase price. Charles D. Askew, owner, Higden, Ark.

Benton County Farm—Eighty acres located two miles west of Pea Ridge. Forty acres in cultivation, balance in timber; two-room house, smoke house, well house, work house, wheat house and hen house; also two two-room dwellings. Good well and plenty of running water on the farm. Near consolidated school and hard surface road. Soil is fine for grapes, berries and other fruits, as well as for dairying and poultry. Price \$2,250. Might give terms. W. M. Price, R. 3, Bentonville, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock for Sale

CATTLE

Registered Jersey bull; fine animal; price \$150. W. A. Smithy, Box 2, Lewisville, Ark.

Two registered Holstein bull calves, one 14 months old and the other one month old. Price on application. W. P. Waters, Pyatt.

Allen Davis, Fayetteville, Ark., has several good young Jersey bulls for sale.

F. Houghton, Murillo, Ark., wants a registered Guernsey bull.

HOGS

Fourteen head Duroc-Jersey pigs, purebred, \$4.50 each for quick sale. Marion Saugey, Alexander, Ark.

Duroc boar and gilt pigs by one of the largest boars in the South. Ten dollars each if bought now. Barber & Daughters, Havana, Ark.

Big Type Poland China pigs two months old, \$8. These pigs are out of Majesty No. 918500, sired by DeQueen Giant No. 446295. There were 11 pigs in the litter. G. F. Sullivan, R. 3, DeQueen, Ark.

Registered Duroc-Jersey gilts 8 months old, \$20 to \$25 each. Pigs 2 months old, either sex, \$8 to \$10 each. L. W. Owens, R. 2, Bingen, Ark.

Robert Smith, Arkadelphia, Ark., has six good purebred Poland-China pigs for sale.

J. F. Thompkins, Burdette, Ark., offers for sale purebred Duroc-Jersey hogs as follows: 40 to 50 sows; 25 to 30 gilts; 4 boars and 300 to 400 pigs; to be sold account of Three States Lumber Company giving up farming.

For Sale—One big bone Poland-China boar, registered and cholera immune, will trade for one from three to six months old. G. H. Collar, R. F. D. 7, Conway, Ark.

Registered big boned Poland-China pigs of both sexes from fine large parents. The sire weighs in ordinary flesh around 500 pounds and the sows around 400 pounds. Meadow View Farm, Beebe, Ark.

Brinkley Duroc Farm, Brinkley, Ark., has good bred gilts to sell at from \$50 to \$75.

J. H. Center, Winslow, Ark., has for sale registered Poland-China boars and sows, each two years old.

Hampshire hogs. Tried sows, bred, \$30 to \$40 each. Bred gilts \$30 to \$40 each. Open gilts \$15 to \$20; service boars \$15; pigs \$7.50. Forest P. Owens, Bingen, Ark.

Duroc-Jersey bred gilts and sows; Cal. and Pathfinder breeding. Oscar Mecker, McBride, Mo.

Duroc-Jersey boar, nine months old, for sale, or will exchange for one not related. J. T. Bowling, Oxford, Ark.

GOATS

Seventy-five common goats, \$1.50 a head. Marvin Saugey, Alexander, Ark.

Two grade Nubian milk goats in kid to "Gene," pure Nubian buck, registered. The dam of this buck gave 2,016 pounds of milk in 250 days at the California Agricultural College. Price \$15 or two for \$25. The nannies are heavy with kid. Kemp & Kemp, Monticello, Ark.

Eighty head of mixed goats for sale, price \$175 f. o. b. my farm. J. T. Bowling, Oxford, Ark.

HORSES AND JACKS

An all round farm stallion for sale or trade for pair mules or grade cows. The stallion is well broke. He is eight years old. V. J. Andre, Osceola, Ark.

Farish Bros., Springdale, Ark., have for sale five jacks.

A purebred Percheron horse, weight approximately 1800 pounds; also a Mammoth jack in fair condition, stands 15 hands high. Will sell right or trade for real estate. A. L. Riddle, R. 3, Alpena Pass, Ark.

Wanted to Buy—Live Stock

Wanted to Buy—At a reasonable price, Jersey cows in full milk flow. Prefer cows with calves. Bessie Smith, Guion, Ark.

Wanted to Buy—Big boned Poland-China stock from sows that have records for large litters. W. F. Daniel, Lonsdale, Ark.

Wanted—To hear from parties who have Holstein cattle for sale. H. D. Jacobs, R. 1, Bald Knob, Ark.

M. W. Muldrow, Fayetteville, Ark., wants prices on good registered yearling heifers, Jerseys.

Poultry for Sale

Pure S. C. Rhode Island Red cockerels, Hart strain and fancy bred; age six months, weight nine pounds. Price \$2.50 each, f. o. b. Waldron. Mrs. Olive Stewart, Waldron, Ark.

S. C. Rhode Island Red eggs. Pen No. 1. All prize winners, mated to a \$50 prize winning Owen cockerel, \$7.50 for 15 eggs, Pen No. 2, choice exhibition pullets mated to a prize cock, \$3.50 for 15 eggs. Eighty-five per cent fertility guaranteed. Baby chicks at twice the price of eggs, 95 per cent live delivery guaranteed. Mrs. A. R. Bryan, Fisher, La.

Bronze turkey toms \$10 each. Mrs. J. E. Johnson, Chismville, Ark.

Buff Plymouth Rock cockerels, \$3 each. Mrs. Earnest Erwin, Booneville, Ark.

Ten good Barred Plymouth Rock pullets for sale at \$1 each. Mrs. H. S. Mitchell, Chismville, Ark.

Fine Rhode Island Red chickens, single comb, for sale at a reasonable price. In the lot are three young cocks and several hens. All prize winners. W. F. Daniel, Lonsdale, Ark.

Eggs from Blue Ribbon Buff Orpington Ducks, \$2.50 per setting of 12 eggs. Mrs. Joe Collins, Humphrey, Ark.

Mammoth Bronze Turkeys. Toms \$15 each; hens \$10; pullets \$5 to \$7.50. Offspring of prize winning stock, nicely barred, beautiful gold and bronze; white edged wings. S. E. Martin, Franklin, Ark.

Two pairs of Guinas at \$2 per pair. Bessie Smith, Guion, Ark.

S. C. Rhode Island Red eggs at \$1.50 per setting of 15. Mrs. G. P. Eidson, R. 4, Springdale, Ark.

S. C. Brown Leghorn eggs for sale, \$1.50 per setting. Hugh A. Waters, Hackett, Ark.

S. C. White Leghorn cockerels, \$1.50 to \$3; also a few hens and pullets. Mrs. T. E. Batchelor, R. 1, Dumas, Ark.

Pure S. C. Rhode Island Red cockerels; February birds, fancy bred; egg laying Ricksacker strain, \$5. each, f. o. b. Dardanelle, Ark. Mrs. J. F. Stevenson, Dardanelle, Ark.

White Wyandotte eggs, \$1 per setting. W. A. Willard, Shady Home Farm, Bentonville, Ark.

S. C. Brown Leghorns and Silver Spangled Hamburg cockerels, \$1.50 each. Eggs of both breeds, \$1.50 per setting of 15. Mrs. W. F. Sudmeyer, R. 1, London, Ark.

Eggs for hatching, from the best S. C. Rhode Island Reds. Price \$1.50 per setting of 15 eggs. Mrs. G. P. Eidson, R. 4, Springdale, Ark.

White Wyandotte eggs for hatching, from stock imported from England. Price \$2 per setting or \$9 per hundred, shipping charges prepaid. Eighty per cent fertility guaranteed. Baby chicks 25 cents each, prepaid. Fairview Wyandotte Egg Farm, J. E. Robinson, Prop., Aurora, Mo.

S. C. White Leghorn eggs from trap nested stock, line bred and pedigreed. Eggs \$2 to \$5 per 15; 100, \$8.50 to \$50. Baby chicks, 17 to 50 cents each in lots of 25 or more. Valley View Poultry Farm, Aurora, Mo.

White Wyandotte eggs for hatching, \$1 per setting, postage prepaid. W. A. Willard, Bentonville, Ark.

Anconas, \$1.75 for 15; \$4.50 to \$7 per 100; chicks, 20 cents. Satisfaction guaranteed. Mrs. Avery Allen, Macon, Mo.

Barred Rock eggs for hatching, \$1.50 per setting. Oscar Mecker, McBride, Mo.

S. C. White Leghorns from the highest flock average in the state of Missouri. Hatching eggs \$5 per 100; baby chicks \$15 for 100. Snowflake Leghorn Farm, R. 3, Neosho, Mo.

S. C. White Leghorns, eggs for hatching from large well bred flock; \$7.50 per 100; \$65 per 1,000. A. J. Huber, Perryville, Ark.

Barred Rock eggs from fine winter layers; orders booked now for March and April delivery; \$1.50 per 15; \$2.50 for 30; postage prepaid. Mrs. L. A. Yates, Onyx, Ark.

Seed for Sale

Mebane Triumph cotton seed, dry and sound, price 75 cents per bushel or \$45 per ton. These seed were grown in 1920. Forest P. Owens, Bingen, Ark.

Whippoorwill peas \$1.80 per bushel. Black, Clay and Wonderful, \$2 per bushel, 1921 crop. Forest P. Owens, Bingen, Ark.

White Spanish peanuts, 4c per pound. Forest P. Owens, Bingen, Ark.

A limited amount of good early seed corn, a variety that matures about two weeks before the average corn. It has given excellent yields in this section for 15 years. This variety is known here as the Fayette-Riddle corn. Price \$2.50 per bushel, f. o. b. A. L. Riddle, Alpena Pass, Ark.

Peas, Sorghum, Lespedeza seed and corn in shuck. Can ship in whole or mixed cars. Prices quoted on application. P. H. Rigby, county agent, Huston, Miss.

Mebane Triumph Cotton seed, pure and sound, 1920 crop, \$1 per bushel. Acala seeds slightly mixed, \$1.25 per bushel. L. W. Owens, R. 2, Bingen, Ark.

Lespedeza seed \$4 per bushel; 500 strawberry plants \$2; China trees 50c; Himalaya Berry plants 35c each. Beautiful Shasta Daisy plants, 2 for 30c; 4 for 50c. Postage paid on all plants. Lilyland Farms, Starkville, Miss.

Cowpeas for sale. Write to H. A. Carpenter, county agent, Aberdeen, Miss.

Early speckled velvet beans in new 2-bushel sacks; new crop re-cleaned seed. Smith Brothers, Dublin, Ga.

Panned and re-cleaned Lespedeza seed at \$4.25 per bushel f. o. b. Address Farmers Marketing Association, Calhoun City, Miss.

Pure Seed Corn; Neal's Paymaster. Field selected, then afterwards carefully re-selected in crib, nubbed and shelled. \$2.50 per bushel, f. o. b. Dardanelle, Ark. J. F. Stevenson, Dardanelle, Ark.

Huban annual white sweet clover seed, inspected by county agent. Guaranteed true to name. Albert Day, R. 1, Newton, Ohio.

Neal's Paymaster certified by the Arkansas Seed Growers' Association. This corn is carefully selected, nubbed, shelled and run through a rotary grader. Lots of two bushels or more, \$2.50 per bushel f. o. b. Marianna, Ark. This corn can be returned by customer and money will be refunded if it is not satisfactory on inspection. Earl Kilpatrick, Marianna, Ark.

For Sale—Miscellaneous

Pure sorghum syrup, grown and made in Arkansas, \$3.60 per case of six gallons. G. S. Alder, Waldo, Ark.

Apple and peach trees, 15 to 25 cents each. Will exchange for Duroc-Jersey pigs or for White Wyandotte eggs for hatching purposes. W. E. Langford, Bergman, Ark.

The following will be sent, postage prepaid, on receipt of the purchase price: Larkspur, pink and blue mixed, 5c per packet; Four O'Clocks, variegated, 10c per doz. Fragrant Lily bulbs, 25c each; Maderia Tubers, 5c each; Flowering Almond, 30c each; Japonica, 30c each; Lilac, purple, 30c each; Burr Rose, double and pink, 30c each; Blackberry plants, early harvest, 5c each; Raspberry plants, yellow, 5c each. Mrs. Cecil Ritchie, Center Point, Ark.

A few colonies of Italian bees, the best strain, in modern hives. Can be run for comb or extracted honey; the queens are tested; \$3 each. If you like bees let me make you a price on mine. J. F. Huskey, R. 1, Wilmar, Ark.

Wheat, corn and oats, in car lots at the following points: Arcadia, Garland, Harman and Maundville, Kan. The Farmers' Co-operative Union. W. C. Hohn, president, Arcadia, Kan.

Good brooms at \$7.50 per dozen; brooms made from over ripe straw at \$6 per dozen. J. F. Daugon, Powhattan, Ark.

New Zealand rabbits, red color, 8 months old; they make fine pets for children. Order from this advertisement. Price \$2.50 per pair. Henry and Edwin Sudmeyer, R. 1, London, Ark.

Cumberland raspberry plants, \$8 per 1,000; \$2 per 100; express charges collect. Roy Whitney, Garfield, Ark.

Wanted—Miscellaneous

Alfalfa hay in car lots. H. F. Poland, Deckerville, Ark.

Prices on Irish potatoes for seed purposes. H. A. Carpenter, county agent, Aberdeen, Miss.

Fifteen bushels of certified Nancy Hall seed potatoes. J. E. Knox, Mill Spring, Mo.

Wanted—Timber

Half million feet of white oak, half million feet of cypress, half million feet of ash logs. Tell us what you can furnish; we will inspect at loading point. Nickey Bros., Inc., Memphis, Tenn.

Auto Mechanic Wants Place

Arthur J. Watson, 134 Elbe St., Elyria, Ohio, who is an experienced automobile mechanic, 32 years old, married, would like to get a start in some kind of repair business in Arkansas. Has \$300 that he would invest in a shop. Write to him direct,

258,103
ARK

UNIVERSITY OF ARKANSAS LIBRARY

MAR 13 1922

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 3 LITTLE ROCK, ARKANSAS March, 1922

More Horses, Mules and Cattle, but Fewer Sheep and Hogs on Arkansas Farms in 1922

WHILE there is an increase in the total number of live stock on farms in Arkansas, as shown by the 1922 estimate of the Co-operative Crop Reporting Service, compiled jointly by Chas S. Bouton of the U. S. Bureau of Markets and Crop Estimates and Jim G. Ferguson, Commissioner of Agriculture, there is a slight decline in the number of sheep and hogs. The increase in the number of dairy and beef cattle and horses and mules more than offsets the loss in sheep and hogs. The total of all live stock on farms on January 1, 1922, was 2,985,000 as compared to 2,963,000 for 1921.

Benton county ranks first in both cattle and horses and Mississippi county ranks first in mules, with Jefferson county second.

It must be borne in mind that these figures take into consideration only the animals on farms and ranges and do not include animals in towns. It is estimated that five per cent of all the milk cows, 9½ per cent of all the horses, 7 percent of all the mules, 5½ percent of all the hogs and 1¼ percent of all the sheep are in towns. If these be added it will give the total of all livestock in the state.

The fact that there is an increase in total numbers of all classes of livestock instead of a decrease will come as a surprise to many. In view of the fact that in so many counties in the State the assessor's figures showed declines. The assessors' figures, however, were taken in May, and the real explanation of the increase is found in market conditions. Farmers have been unwilling to take prices offered for the livestock which they have to sell, not only in this State, but elsewhere. Shipments of stock have not been profitable and the local demands have not used up the surplus, and hence numbers have increased with cattle, horses and mules.

With dairy cattle there has been an organized effort to build up both numbers and quality of this class of livestock. The downward movement in the number of swine was arrested during the year, and swine also would show an increase were it not for the large number of feeders purchased by Missouri and Iowa buyers, and by the fact that the numbers slaughtered for home use are doubtless greater for the State as a whole than in previous years.

Prices of horses, mules and cattle show an average decline of about 25%. Sheep have dropped 30% and swine about 20%. The lowered prices,

BENTON COUNTY RANKS FIRST IN HORSES AND CATTLE AND MISSISSIPPI COUNTY LEADS IN NUMBER OF MULES



These Are the Kind of Animals That Are Building Up Arkansas Herds

taken in connection with fairly abundant corn and hay crops and the mild winter, have caused farmers in general to hold on to their stock, hoping for better prices later.

In the United States as a whole the number of horses and mules on farms have declined in the past year, the number of milk cows have increased, beef stock has declined, but sheep and swine have increased. Compared with two years ago, mules show a slight increase, as have milk cows, while sheep show an increase of over 9,000,000.

County compilations show Lawrence county to lead the state in the number of hogs on farms, with 28,333 head. This county had a close second in Mississippi county, with 27,934 head. Ashley was third, with 27,552 head. Northeastern Arkansas is the center of hog population. Six counties in the extreme northeastern section, namely, Randolph, Clay, Green, Lawrence, Craighead and Mississippi produce over 11 per cent of the hogs for the entire state.

Madison county led in the number of sheep, having 7,023 head, while Carroll county stood first in goats with 8,653 head.

Benton county ranked first in dairy cattle with 20,834 head, while Boone county led in strictly beef stock, having 12,260 head. Arkansas county was second in beef cattle with 11,400 head.

It is interesting to note that Arkansas ranked sixth in the United States, on January 1, 1922, in the number of mules and eighth in their total value.

Prices per head of livestock in Arkansas on January 1, 1922, were as follows:

Horses, under one year, \$26; one to two years, \$38; two years and over, \$60; average of all ages, 1922, \$57; 1921, \$76.

Mules, under one year, \$34; one to two years, \$49; two years and over, \$83; average of all ages, 1922, \$79; 1921, \$107.

Milk cows, all ages, 1922, \$20; 1921, \$43.

Other cattle, under one year, \$6.50; one to two years, \$10.50; two years and over \$18; average, all ages, 1922, \$10.90; 1921, \$14.30.

Sheep, average all ages, 1922, \$2.90; 1921, \$4.20. Lambs, \$2.40; ewes, \$3; wethers, \$2.90; rams, \$4.

Swine, average all ages, 1922, \$7.10; 1921, \$8.80.

LIVE STOCK ON FARMS IN ARKANSAS TABULATED BY COUNTIES

County	Horses	Mules	Cattle			
Arkansas	5,390	4,505	19,101	Lee	3,063	5,732 10,105
Ashley	3,702	3,616	19,590	Lincoln	2,489	4,606 9,750
Baxter	2,635	1,870	16,720	Little River	2,962	3,528 10,220
Benton	10,505	5,020	27,764	Logan	5,108	5,774 20,710
Boone	4,650	2,612	18,390	Lonoke	4,568	8,472 17,130
Bradley	1,963	2,160	10,712	Madison	3,671	3,833 18,970
Calhoun	1,508	2,148	9,989	Marion	2,588	2,235 17,340
Carroll	5,290	2,911	20,750	Miller	3,388	3,624 11,980
Chicot	3,716	3,664	7,551	Mississippi	2,801	9,832 8,650
Clark	3,205	4,571	18,430	Monroe	2,480	4,021 10,260
Clay	5,798	6,161	19,790	Montgomery	1,816	2,320 11,540
Cleburne	2,165	2,751	13,080	Nevada	2,792	4,719 13,600
Cleveland	2,147	2,905	10,180	Newton	1,898	2,244 10,700
Columbia	2,806	6,001	16,840	Ouachita	1,977	3,346 13,320
Conway	3,795	5,768	11,860	Perry	1,636	1,844 9,810
Craighead	5,056	6,252	19,634	Phillips	3,419	7,940 8,320
Crawford	3,532	5,339	14,250	Pike	2,542	3,349 13,420
Crittenden	1,634	6,468	5,080	Poinsett	1,868	3,310 9,378
Cross	2,248	3,196	10,472	Polk	2,880	2,834 14,605
Dallas	1,404	2,560	8,265	Pope	2,881	6,585 13,892
Desha	1,694	4,238	6,271	Prairie	3,396	4,520 15,230
Drew	3,526	3,959	16,320	Pulaski	3,321	6,580 15,110
Faulkner	3,776	5,962	14,204	Randolph	4,271	5,076 19,180
Franklin	3,614	4,926	16,460	Saline	1,658	2,806 12,460
Fulton	3,501	3,090	16,760	Scott	2,650	2,531 15,896
Garland	2,272	2,249	12,540	Searcy	2,355	2,640 13,640
Grant	1,320	2,184	9,380	Sebastian	4,828	4,357 15,860
Greene	4,457	5,306	17,580	Sevier	2,586	3,536 12,230
Hempstead	4,604	6,707	17,602	Sharp	2,698	3,012 14,886
Hot Spring	1,796	2,933	10,601	St. Francis	2,518	5,855 10,560
Howard	2,361	4,207	12,850	Stone	2,801	3,210 12,338
Independence	4,110	5,620	18,520	Union	2,886	4,990 19,340
Izard	2,786	3,453	13,510	Van Buren	1,852	3,721 11,589
Jackson	3,997	5,710	14,078	Washington	8,925	6,569 25,936
Jefferson	4,291	8,379	10,784	White	5,991	7,003 22,900
Johnson	2,774	4,752	12,780	Woodruff	2,806	4,461 10,070
Lafayette	2,121	3,119	9,020	Yell	3,729	6,382 18,230
Lawrence	4,346	4,931	17,170	State Totals	246,593	329,600 1,064,033

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMS FOR SALE

A Forty Acre Hill Farm—All fenced and in cultivation. There is a two-room house and small barn; some peach and apple trees and lots of plums. W. W. Stewart, Eaton, Ark.

A Farm in Izard County—271 acres, 75 acres in cultivation, balance in timber. Two-room house, good barn, fine spring near the door. Good school, fine range. Soil adapted for corn, oats, cotton, hay and fruits. Will sell all or any amount to suit buyer. Price \$10 per acre. E. E. Reid, Lumburg, Ark.

Stock and Grain Farm in Montgomery County—On county road, 32 miles two miles west of Hot Springs; 196 acres in farm, 110 acres in cultivation; 90 acres level bottom land and 20 acres of fine upland; balance in fine timber and pasture. The soil will produce corn, wheat, oats, hay, sorghum, beans, peas, cotton, tobacco and all varieties of truck and fruits. There is one house of six rooms, in good repair, chicken house, smokehouse and barn. A pasture adjoins the barn. Two good tenant houses of four rooms each on the farm. There are good barns and the place is fenced with hog tight wire. Farm is located one-half mile from school and church. Will include about \$600 worth of machinery and other equipment. Abstract title. Price \$80 per acre, cash. Dr. J. D. Wingfield, Mount Ida, Ark.

Will Exchange a Concrete Building—Income \$75 per month from substantial renters; well located in Corning, three miles from Missouri state line. Price \$12,000. Want a good farm. C. L. King, owner, Corning, Ark.

Level Forty-Acre Farm All Under Fence and Partly Improved—Can be made a stock farm or used for general farming. This place is eight miles southwest of Monticello. Will rent or sell on credit. J. T. Huskey, R. 1, Wilmar, Ark.

Searcy County Farm—82 acres, 55 fenced, 45 in cultivation and 26 in meadow; orchard, two gardens, plenty good water; 5-room house; barn, rat-proof crib, smoke house and other out-houses. Good school, on the Marshall-Witt Springs Highway. Write for particulars. Price \$2,750 cash. T. A. Gibson, Witt Springs, Ark.

Boone County Farm—55 acres, all fenced, three acres in timber, balance in cultivation; two acres in orchard and 14 in clover, 200 apple trees one year old; two-room house, barn, two ponds, cistern, good out-houses; near school, one and one-half miles to town. Price \$1,900; \$900 down and balance on terms. Sam Dees, Bellefonte, Ark.

Forty Acre Upland Farm—25 acres in cultivation and 13 in pasture; four-room house, barns, good orchard, everlasting spring; one-half mile from highway; near school and railroad; 13 miles from Little Rock. This and adjoining farms priced reasonably. M. L. Brownlee, Palarm, Ark.

Baxter County Farm—215 acres, near the line between Arkansas and Missouri; less than a mile from school; lies well for farming. Because of advanced age the owner will sell at a reasonable price, one-third of the purchase price in cash and the balance on terms to suit purchaser. Same owner will also sell 60 acres of partly improved land, two miles from railroad station. Same terms. M. T. Allen, Gassville, Ark.

Farm in Northwest Arkansas—One 92-acre tract in Benton county, four miles west of Decatur. Fifty-five acres in apple orchard and one acre in grapes. The orchard is in fine condition; two good houses, one with ten rooms and a screened-in porch; new garage, hen house, smoke house and a good well of water. Good school and church near. S. J. White-side, R. 2, Decatur, Ark.

All Round Farm in Johnson County—Seven miles from Dutton. Thirty acres in cultivation; good orchard for family use, two-room house, barn and necessary out-buildings. More than 100 acres can be cultivated. There are 160 acres in the farm which the owner will sell at a bargain and give buyer terms. McKinley Easteppe, Friley, Ark.

Farm in Baxter County—80 acres unimproved but fine soil; on mail route, near school and church and within five miles of a railroad station. Price \$1,200, part terms. Julia C. Wood, R. 2, Mountain Home, Ark.

Eighty Acres in Baxter County—Daily mail, telephone, five-room house and family orchard. Five miles

to a railroad station. Forty acres of this land is level and all is well watered. Price \$2,500. Terms. Julia C. Wood, R. 2, Mountain Home, Ark.

Good Farm in Searcy County—Eighty acres, 35 under fence, balance in timber; soil is rolling and well adapted for fruits, vegetables, hay and grain. There is a small two-room house and plenty of water. Good school and church nearby, one mile from pike road; good climate and good neighbors. Price \$1,000. Everett Maxwell, Witts Springs, Ark.

Two Tracts of Land—With good improvements. One tract in the bottom and the other second bottom. Have tractor and three disc plows, 8-foot binder and oat and wheat separator. For sale or trade. J. L. Parkin, M. D., Snyder, Ark.

Upland Farm of Eighty Acres—35 acres in cultivation; 10 acres in pasture, balance in timber; three-room box house; log barn; cleared land fenced; lies on creek, but does not overflow. Price \$1,000, cash or terms. Possession at once. Albert Gates, Onyx, Ark.

Pulaski county farm, 491 acres; 75 acres in cultivation, all under fence. Two sets of buildings; good water, good roads, near school and church. Will also sell 40 cattle, hogs, chickens, horses and farm implements; price, \$7,500; terms. Lee Lenon, 1923 N. Tyler St., Little Rock, Ark.

Eighty acres unimproved land, 15 acres cleared, balance in good oak timber. Price \$20 per acre; half cash, balance on terms. S. Flain, Knob View, Mo.

Goat Ranch in Stone county, 285 acres, three room house, three barns of which one is old, another practically new and the other is being constructed. One hundred and twenty-five Toggenberg goats. Will sell furniture and implements; all for \$2500. \$1500 cash and the balance on terms. T. J. Mitchell, Arlberg, Ark.

Eighty acres in Yell county near Bellville. Forty-five acres rolling and well drained dark loam soil that grows fine crops of corn, cotton, peas, sorghum, potatoes, etc.; well watered, fenced with wire. Valuable woodland estimated to cut 30,000 feet of oak and pine. There is an orchard, two houses, barn, poultry house and smokehouse and blacksmith shop. Price \$1000. Will include two sows, and farming tools. C. H. Cobb, Belleville, Ark.

Forty acres of timber land to exchange for stock. Enough timber on this land to pay for it. J. Bodine, Swain, Ark.

Forty acres of timber land to exchange for small farm near railroad. W. C. Bodine, Swain, Ark.

Eighty acres of timber land for sale in Newton county. Some of this land is cleared, the balance is in virgin timber. Practically all of the land can be cultivated; it is watered by several fine springs. Price \$300. Hobart Criner, Mt. Judea, Ark.

Sixty acre farm, 10 acres in woodland. New six room house, new barn. Two good wells. Small young orchard. Located on R. F. D., telephone service, one mile from school, five miles from thriving railroad point. Good roads, excellent community. For particulars address H. M. Remy, R. F. D. 1, Charleston, Ark.

Farm in the Ozark mountains, on Frisco railroad, one mile from Chester; 109 acres, 35 acres in creek bottom, 35 acres in cultivation and the balance rough timber land more or less culled. This is an ideal place for stock raising as there is plenty of outside range. There is a four-room house, one small log house, good log barn and other out-buildings. We have eight months school. Owner is principal of school and has no help to operate the farm. Price \$2000, half cash and balance on terms. A. D. Smith, Chester, Ark.

One hundred and sixty acres in northwest Arkansas where health,

climate and living conditions are the best. This land is six miles from Berryville, the seat of Carroll county. Store and postoffice only two miles away. About 40 acres in cultivation of which 22 acres is fine alfalfa and corn soil; balance of the farm is rolling and mountain land. This portion of the farm is suitable for clover, timothy, blue grass, orchard grass and all kinds of fruits. There is a three room house, box house, smoke house, barn and chicken house, all in good repair. Have four everlasting springs and two good wells. There is about \$1500 worth of timber on the land. Price for quick sale \$2500. Conrad Sell, Cabanal, Ark.

A fine farm of 140 acres, 90 acres in cultivation. Soil adapted for all truck crops, fruits and also a fine stock proposition. There is plenty of outside range. Price \$3000, part terms. A. C. Munn, Aplin, Ark.

Two hundred acres located in the Ozarks—40 acres in cultivation, house and barn. Price \$1500. Terms. A. C. Munn, Aplin, Ark.

Twenty acres in Washington county. The soil is fertile and all of it can be cultivated. Two new houses and plenty of water. Price \$1000, \$800 cash and the balance on terms. L. B. Baucom, Elm Springs, Ark.

Eighty acres in Yell county, suitable for the growth of corn, cotton, sweet potatoes, pasture and truck crops. Forty acres under woven wire fence. There is a large house, small barn and plenty of good water. This is a bargain for a home. Price \$800. A small payment will give immediate possession. T. J. Dooly, Stafford, Ark.

One hundred twenty acres of valley land, 80 acres fenced, daily mail service, church and school nearby. Two sets of houses and plenty of water. This farm is four miles from Cabot. Owner will sell at a bargain. L. C. Arney, Cabot, Ark.

Owner will sell or exchange—200 acres of farm land of rich and fertile soil three miles from Weldon, a railroad town. About 50 acres in cultivation, the balance in timber. The soil during normal season will make about a bale of cotton and 75 bushels of corn per acre. There is about 100,000 feet of cypress, 50,000 feet of oak and a great deal of tie timber on the place. Fine lake, good fishing and good well water. Will exchange for a small place near a good high school. I prefer level and well drained land that will make fruit. The difference in value of places to be paid in cash. Frank Claycomb, Weldon, Ark.

Alfalfa and Clover Farm—Seventy acres of which 60 are in cultivation, the soil does not wash; no rocks; ten acres in timber; six room house, crib and granaries, log stable, smoke house and hen house. Owner will also sell with the farm one team of horses, two cows, two calves, one boar, and several hens, wagon, harness, plows, etc. Price \$3000; terms. A. A. King, Ash-flat, Ark.

A bottom farm—200 acres in Logan county on the Petit Jean River. This land is about one-half mile from station. One hundred twenty-five acres in cultivation, the balance cleared and in pasture. There are two sets of buildings, silo and hay shed. W. H. Bishop, Barber, Ark.

Forty acres under fence; 30 acres in cultivation, the balance is in timber. Plenty of water, well near the house and springs in the pasture. A healthy location. There is a young orchard of apples, peaches, apricots; also grapes, strawberries and dewberries. Will sell at a bargain price. A. L. McCorry, R. 1, Bonnerdale, Ark.

A Yell county farm for sale or trade; twenty acres located near Ola. This little farm is cleared and fenced and has eight acres of fruit. There is a two room house and a chicken house. It is watered by a well and two springs. A good place to live and the price is only \$400. D. W. Loudenback, Ola, Ark.

Homeseekers Who Want to Buy Arkansas Farms.

Miss M. Alberta Stebbings, 531½ W. Water Street, Elmira, N. Y., writes for literature about Arkansas.

Thos. F. Gallagher, 1035 Ellis Boulevard, Cedar Rapids, Iowa, asks information concerning the lands in Arkansas, soil, climate, what can be raised, etc.

F. W. Kirksey, 618 Main St., New Rochelle, N. Y., makes inquiry about lands in and near Subiaco.

Michael Varga, Box 37, Coalridge, Ohio, writes about farm land in Arkansas and what line of farming to follow.

E. E. Stanfield, Box 1253, Helena, Mont., wishes to have literature pertaining to agriculture and stock raising, especially in the northern portion. Also farm and farm lands for sale.

J. R. McKinnis, 3708 Strong Ave., Argentine, Kan., writes that he intends to make a trip through Arkansas with the view of buying land.

Miss Clarissa Springer, 4456 Oakenwald Ave., Chicago, Ill., is interested in Southern Arkansas lands, especially Dallas County.

E. C. Ingles, Strawn, Texas, writes for maps of the counties through which the Missouri and North Arkansas Ry. travels that will show data of each county's productiveness, favorite crop and the usual yearly output.

Bernard F. Loy, Box 693, Dunlap, Ia., asks for price list of Arkansas lands with the names of the orchard counties and especially the corn raising counties.

Lunford Herron, Route 4, Nauvoo, Ala., is interested in buying Arkansas lands.

J. W. Brown, 721 E. 8th St., Kansas City, Mo., writes for literature about Arkansas.

J. R. Schaffer, Arcadia, Mo., requests information concerning homestead lands and is especially interested in Jackson, Little River and Arkansas counties.

Dr. E. C. Grosskopf, 197 12th Street, Milwaukee, Wis., writes for literature about fruit-growing lands in north-west Arkansas.

A. W. Schaeppel, 2502 South Broadway, St. Louis, Mo., intends locating in Arkansas and asks for information about lands.

J. S. Lamar, 2708 North Spruce, Kansas City, Kans., wants land in Southern or Southwestern Arkansas.

Bryan Maloney, Pattonsburg, Mo., writes that he is interested in Arkansas lands.

Dr. W. M. Martin, Security Bank Building, Wellington, Kan., seeks a location in Arkansas, asking for information concerning population of counties.

M. E. Bromley, Kings County Hospital, Brooklyn, N. Y., writes that he is interested in Arkansas land.

Wm. C. Duval, 211 Hancock St., Findlay, Ohio, being interested in Arkansas lands, writes for bulletins on soil and minerals.

K. G. Christer, Brandon, S. D., is looking for a good location in Arkansas.

Mrs. I. S. McClohan, Happy, Ky., wishes to locate in Arkansas and seeks information about good lands.

Chas. Stommel, 92 Russell St., Hammond, Ind., writes for the Arkansas Land Guide and a map of the counties.

Mrs. G. W. Thompson, 1303 Flsk St., Brownwood, Texas, being interested in fruit-growing and poultry, wishes land in Arkansas suitable for same.

Charles Margolls, 498 Cascade St., St. Paul, Minn., needs all information possible for work in school.

Charles Svetis, Ingleside, Ill., Route 1, Lake County, writes for information relative to climate, crops, and general farming conditions in Arkansas.

W. A. Carlisle, c/o J. Grainger & Co., Holdrege, Nebr., writes for literature about Arkansas.

Frank H. Vanderhoer, Tomahawk, Wis., requests information concerning lands in Lonoke, Jefferson, Cleveland, Dallas, Calhoun and Ouachita counties.

H. W. Emmerich, Box 177, Waterville, Ohio, wishes to locate in Arkansas and asks about soil and what crops are suitable for same.

James Shannon, 1818 Lincoln Ave., Chicago, Ill., requests agricultural bulletins and poultry information.

Mrs. Belle Markham, Jefferson, Ohio, seeks agricultural information.

Sam Bailey, Cairo, Ill., writes concerning homestead lands in Arkansas.

A. F. Purdy, 1114 Carter Building, Houston, Texas, seeks information concerning the north-central part of Arkansas including Izard county.

John A. Nickey, 157 3rd St., Hanover, Pa., writes for information relative to Little River County, Arkansas.

C. L. Springer, 6 South Fifth Ave., La Grange, Ill., requests literature and maps pertaining to Arkansas lands, particularly fruit and trucking lands.

Curt Larsen, Merriam, Kan., writes for map of Arkansas, being interested in the northwestern section of the state.

Orrie Orel Eubanks, R. R. No. 11, Paris, Ill., makes inquiry as to the prospects of farming, poultry raising and dairying on homestead land.

Herman B. Stenn, 1811 W. 47th St., Chicago, Ill., writes for literature about Arkansas.

J. H. Dehner, 227½ N. Main St., Jacksonville, Ill., desires to locate in Arkansas and seeks all information about the state.

A. Elmer, 1458 Emmet St., Omaha, Nebr., would like to locate in White County, Arkansas, for raising fruit and grain and also poultry.

Bruce Mathewson, Vergos, Minn., writes for descriptive map of Arkansas.

Mrs. N. G. Chambers, Ferndale, Marshfield, Ore., writes for all information obtainable about Arkansas.

A. Ford, Box 115, Paducah, Ky., requests literature describing Arkansas.

Edward M. Rockwell, 516 Brenner St., N. E., Grand Rapids, Mich., interested in poultry and fruit raising and asks concerning climate, soil, fishing and hunting.

W. R. Meyer, 201 Monroe Ave., Oshkosh, Wis., writes about the possibilities for agriculture in Arkansas, homestead lands, etc.

Louis Marz, c/o Centre Hotel, Lake Katime, Ulster County, Kingston, N. Y., writes for literature about Arkansas.

Mrs. L. H. Barnum, Eldorado, Kan., wants homestead land in Arkansas or land for general farming.

Tom Welch, Riverview, Nebr., would like to come to Arkansas if can find a desirable location.

J. W. Fitch, 861 E. 63rd Place, Chicago, Ill., is interested in Dallas County, and wishes information concerning same.

C. S. Bailey, Box 233, Alba, Tex., would like to locate in the north-central part of Arkansas, near a school that could use an experienced teacher.

A. E. Spencer, Dunlap, Kan., writes about government land suitable for farming and orcharding.

Mrs. C. S. Tisdak, Joplin, Mo., writes with reference to an Arkansas farm.

Geo. W. Leeper, Absanoke, Mont., requests information about Arkansas that would be helpful to a homeseeker.

Virgil Lewis, Centralia, Ill., requests literature about Arkansas.

G. A. Adams, Sheridan, Texas, is interested in buying an improved farm in Arkansas.

A. Thenhaus, 5518 Thrush Ave., St. Louis, Mo., wants to buy a farm in the drainage district of Arkansas.

Hugh C. Munson, Holly, Colo., requests literature about farming in Arkansas.

F. L. Armstrong, 513 4th Ave., South Great Falls, Mont., writes for literature about Arkansas.

G. D. Stell, 200 Bluff St., Wichita Falls, Tex., wants information about agricultural resources of Arkansas.

Joe Elrod, 300 Austin St., Wichita Falls, Tex., requests information about farm lands in Arkansas.

F. E. Shelton, 504 Galloway St., Columbia Tenn., wants information about farm lands in Marion county.

H. L. Koons, 313 East Ave., Elgin, Ohio, writes that he and some of his friends intend to buy land in Arkansas during the year.

C. W. Carter, College Hill School, Wichita, Kan., writes for information about farming in Arkansas.

"Will you please send me literature about agriculture, dairying fruit growing and poultry raising," is a request from M. D. Kilse, Marshalltown, Ia.

W. L. Fuller, Laurel, Miss., wants information about land in Chicot county.

Mrs. S. M. McGraham, Happy Hollow, Ky., writes that she and her husband want to return to Arkansas and locate on a farm in a community where she can teach school. She prefers to lease or buy a small tract of land suitable for growing truck.

"I am very much interested in your state and think I shall locate there. I would like to have maps and literature. I want to settle where I can raise poultry and fruits," writes Bernard Eischer, 543 Shereburn Ave., St. Paul, Minn.

John Lackey, 204 North Park St., Wellington, Kan., writes for map and illustrated literature of Arkansas.

Albert A. Koch, 517 Washington Ave., Kirkwood, Mo., sends a request for map and literature about Arkansas as he wishes to locate in the state.

Chas. H. Aurand, 113 Somerset Ave., Battle Creek, Mich., would like to locate in Arkansas, particularly near DeQueen.

Wm. Krall, Crawfordville, Ore., writes concerning a desirable farm in Arkansas suitable for general farming.

Arnold C. Neilson, 721 Center St., Racine, Wis., writes about the undeveloped mineral lands in Arkansas.

J. K. Nicholson, Box 312, Spence, Neb., writes for complete information about farm land in the northern part of Arkansas.

Harvey Vanlman, R. R. No. 6, Dayton, Ohio, makes inquiry about Arkansas homestead lands.

R. L. Thompkins, 1023 W. South St., Raleigh, N. C., writes that he is interested in Mississippi county and would like to have complete information about same.

Irwin E. Schinder, 2617 Potee St., St. Joseph, Mo., is interested in Arkansas land.

Frank L. MacVey, Rolfe, Ia., wants to know the price of grazing land in Arkansas.

G. A. Lippert, 3847 Utah Place, St. Louis, Mo., wants information about farm lands.

Louis Distelkamp, Orange, Tex., wants a Mississippi county farm that will grow wheat and clover.

Homand M. Waller, 111 Hayward St., Dayton, O., is an ex-soldier who wants to find a home in Arkansas.

Robert D. Johnson, 1009 W. 10th St., Trenton, Mo., asks about government land.

R. C. McCaleb, 731 Washington Blvd., Chicago, is looking for a desirable location in the Ozark country.

J. Edlin, 2658 Haddon Ave., Chicago, is looking for a large tract of Arkansas land for colonization purposes.

Wylie McKlney, McKinney, Tex., is interested in hogs and cattle and would like to locate in Arkansas where there is good hunting and fishing.

C. C. Butcher, R. 2, Box 19, Sweetwater, Okla., inquires about Arkansas.

February Prices of Farm Products Sold by Producers

Hogs (live weight), per 100 lbs.	\$ 6.50
Beef cattle (live wt.) per 100 lbs.	3.25
Veal calves (live wt.) per 100 lbs.	5.10
Sheep (live weight) per 100 lbs.	3.40
Lambs (live weight) per 100 lbs.	5.40
Milch cows, per head	34.00
Horses, per head	60.00
Milk (whole), wholesale, per gal.	.35
Milk (whole), retail, per gal.	.45
Wool (unwashed), per lb.	.14
Wool (washed), per lb.	.20
Walnuts (black) per bu. of 50 lbs.	.90
Hickory nuts, per bu. of 50 lbs.	1.00
Peanuts, per lb.	.06
Beans (dry), per bu. of 60 lbs.	4.00
Beans (Soy), per bushel	2.50
Sweet potatoes, per bu. of 55 lbs.	.98
Turnips, per bu. of 55 lbs.	.80
Cabbages, per 100 lbs.	4.20
Onions, per bu. of 57 lbs.	3.50
Timothy hay (loose) per ton 2000 lbs.	16.30
Clover hay (loose) per ton 2000 lbs.	15.90
Alfalfa hay (loose) per ton 2000 lbs.	17.50
Prairie hay (loose) per ton 2000 lbs.	11.90
Pop corn, per 100 lbs. in ear	3.00
Cotton seed, per ton of 2000 lbs.	28.00
Eggs, per doz.	.27
Chickens (live weight) per lb.	.16
Cowpeas, per bushel	1.70
Cream, per lb. of butter fat	.31

The following are prices of products bought by farmers in February:

Clover seed (red), per bu. 60 lbs.	\$15.00
Timothy seed, per bu. 45 lbs.	4.75
Alfalfa seed, per bu. 60 lbs.	13.90
Bran, per ton	29.60
Cottonseed meal, per ton	43.00
Cottonseed hulls, per ton	11.30

The enterprising citizens in the vicinity of Cave Creek, Newton county, are building a fine rural school and making other civic improvements which should appeal to people who want a permanent home in a progressive community. This Department is informed by residents of Cave Creek that there is still some desirable homestead land available in that section and it is their wish that this land be taken up by homeseekers in order that the entire community may be benefited by the development of the raw land. Information about farm prospects in Newton county may be secured from any of the following citizens: Bert Dickey, S. F. Henry, Albert Anderson, Geo. Jackson, Tom Tate, all of Cave Creek, Ark.

Here's One Thing the Matter With the Country

Prices of Things the Farmer Sells		
	(Average Prices)	
	1921	1913
Corn, per bu.	\$.40	\$.70
Wheat, per bu.	.94	.77
Cotton, per lb.	.17	.13
Wool, per lb.	.15¾	.15½
Oats, per bu.	.29	.38
Hay, per ton	11.13	11.50
Horses	85.00	138.00
Hogs, 100 lbs.	7.30	7.60
Beef, 100 lbs.	4.81	6.05
Sheep, 100 lbs.	3.93	4.16

Prices of Things the Farmer Buys		
	(Average Prices)	
	1921	1913
Farm wagons	\$146.00	\$77.00
Mowers	84.35	48.70
Fertilizers, per ton	35.00	23.75
Harness	28.25	15.00
Plows	40.50	14.75
Shoes	4.00	2.25
Coal	10.50	5.75
Harrows	29.50	11.50
Salt, per bbl.	3.26	1.68
Overalls	1.55	.80

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock for Sale

CATTLE.

Two registered Red Polled bull calves. J. C. Woodside, "Pine Place," Thomasville, Mo.

Louis Busch, Eureka, Mo., has good Jersey bull for sale and wants to buy 300 head of stock hogs.

Claude Petit has six head of Short-horn cattle. His address is Harrison, Ark.

A high class pure bred Holstein bull born Nov. 3. This bull is a grandson of Sir Korndyke Henerveld DeKol. For price write to McIlroy Stock farm, Louisiana, Mo.

W. H. Bishop, Barber, Ark., offers for sale one registered Jersey bull; thirty high grade Jersey cows and twenty high grade Jersey heifers.

V. E. Lawrence, Salisbury, Mo., has several Aberdeen Angus bulls and heifers which he has priced to sell.

Registered Jersey bulls ready for service, grandsons of Eminent. Also registered Jersey cows, fresh and heavy springers. Best blood lines. Price \$50.00 f. o. b. W. Arthur Jones, Paragould, Ark.

J. M. Hewitt, Marianna, Ark., has Shorthorn bulls for sale.

C. T. Neeley & Sons, Jonesboro, Ark., have for sale two Hereford bulls and seven Hereford females; also eight head of Duroc-Jersey hogs.

CATTLE WANTED

W. A. Owens, Clarendon, Ark., wants three Hereford bulls of service age; also a Poland China boar.

HOGS.

L. E. Eoff, Harrison, Ark. has 55 head of pigs and mature hogs for sale.

Mule Foot admirers can purchase pigs of this breed from H. M. Archer, Huddleston, Ark., for \$10 each. Mr. Archer has a registered Mule Foot sow for sale at \$40.

Boars and gilts sired by Long Gano's Great Orion, a 900-pound prize winner. Also other high bred pigs. A 500-pound bred sow. W. D. Hawkins, Salem, Mo.

Duroc Jersey Spring boar, a grandson of Jack's Orion King 2d. J. W. Baer, Jamestown, Mo.

A litter of 10 September Poland China pigs sired by Bob's Perfection No. 116183 and out of an 800-pound sow. W. H. Burks, Bolivar, Mo.

Big Type Poland Chinas four male pigs, from registered sire and dam, \$15 each f. o. b., papers furnished. A. F. Foster, Center, Ark.

Hampshire Hogs—Forest P. Owens, Bingen, Ark.

Registered Duroc pigs, either sex, three months old, \$10 and \$12. L. W. Owens, Bingen, Ark.

C. J. Smith, Van Buren, Ark., has registered bred Poland China gilts for sale; also boars of service age.

H. F. Roberts, Van Buren, Ark., has a number of three to four months Duroc-Jersey pigs for sale.

C. T. Overby, Chicot, Ark., has several loads of feeder hogs for sale.

T. W. Crooms, Nashville, Ark., has a registered bred Duroc-Jersey gilt for sale at \$50.

HORSES.

Two Percheron stallions, prize winners, three and six years old; also several young jacks, one a half brother to the \$1700 Squire Haines. Address McIlroy Stock Farm, Louisiana, Mo.

For sale or trade a thoroughbred draft stallion ten years old, weighs

1300 pounds. Solid black color, a fine horse in every respect. I also have one hundred head of hair goats for sale. Seventy-five per cent of the herd nannies. J. Parish, Bee Branch, Ark.

HOGS WANTED.

F. E. Kirby, Redfield, Ark., Rt. 1, wants a registered Poland China boar.

E. S. Barrentine, Earle, Ark., wants a number of registered bred Poland China gilts which can be bought at moderate prices.

A. F. Boswell, Levy, Ark., wants several cars of feeder pigs.

Seeds and Plants for Sale

Scott County White. Field inspected and tested for germination at Fayetteville. Price \$1.50 per bushel. Clarence Young, Waldron, Ark.

Cooks Improved cotton seed. Good seed for planting this year; price \$1 per bushel. Clarence Young, Waldron, Ark.

Neals' Paymaster Corn. Certified by State Seed Growers' Association. Purity and quality guaranteed. Carefully selected, nubbled and run through a rotary grader. Price \$2.50 per bushel. Earl Kilpatrick, Marianna, Ark.

Choice cleaned lespedeza seed, 1921 crop. This seed will be shipped in new even weight bags. For prices write Lespedeza Seed Growers' Cooperative Association, Baton Rouge, La.

McBane Triumph cotton seed for planting, \$1.50 per bushel c. o. d. W. F. Zachry, McKamie, Ark.

Alexander six ear seed corn, has large ears with a white grain and red cob. Peck \$1; bushel \$2.50 W. F. Zachry, McKamie, Ark.

Wheat, oats, both old and new; timothy and prairie hay. Farmers' Cooperative Union, W. C. Hohn, Mgr., Arcadia, Kansas.

We are in the market for cowpeas. Write us how many bushels you have for sale. Kellogg-Huff Commission Co., St. Louis, Mo.

R. H. Hall, Hazen, Ark., wants to buy cowpeas from farmers in exchange for hay. Being a farmer he prefers to deal direct with the grower to the mutual advantage of both parties.

A. L. McCorry, Bonnerdale, R. 1, Ark., wants to buy King's Little Boll cotton seed for planting purposes.

J. T. Jones, McRae, Ark., has long staple snow flake cotton seed for sale at \$3 a bushel.

Pure Seed Corn; Neal's Paymaster Certified by Arkansas Seed Growers' Association; carefully selected, nubbled and shelled. \$2.50 per bushel, f. o. b. Dardanelle, Ark. J. F. Stevenson, Dardanelle, Ark.

Mosbey's Prolific seed corn; price \$2.35 per bushel. Lilyland Farms, Starkville Mo.

Tom Watson, Cuban Queen and Florida Sweets watermelon seed. Price per packet 10 cents. One-fourth pound 35 cents. Lilyland Farms, Starkville, Mo.

Mead cotton seed for sale at \$2 per bushel. One thousand bushels in stock. L. J. Brunson, Alma, Ark.

Soft shell pecans, 14 cents per pound. A. J. Dauterive, Breaux Bridge, La.

Wanted to buy 5000 bushels of peas and speckled velvet beans, shelled. J. H. Saunders, Mathews, La.

IRIS FOR SALE—Two bulbs each of six varieties of choice iris. \$1.25. One dozen bulbs of any of the six varieties, \$1.25. Mrs. C. H. Noyes, Calhoun, Mo.

Baby Golden popcorn, shelled and re-cleaned, 7c a pound. R. H. Els, R. 5, Box 62, Gentry, Ark.

Red Crowder Peas, fine table peas, a hog fattener, a soil builder. Very early and prolific, 10 lbs. \$1.25 prepaid. Chas. D. Askew, Higden, Ark.

McBane Triumph cotton seed, 85c a bushel; whippoorwill peas, \$2 a bushel; White Spanish peanuts, 4c a pound. Forest P. Owens, Bingen, Ark.

Onion seed, mixed red, brown and yellow, 15c an ounce postpaid. Mrs. Nettie G. White, R. 1, Belleville, Ark.

Dahlias, mixed colors, \$1.50 per dozen. Mrs. Nettie G. White, Belleville, Ark.

Poultry for Sale

White Wyandotte eggs from the J. C. Fisher strain. \$2.50 per setting of fifteen eggs or \$10 per hundred eggs. All orders filled promptly. Mrs. Homer Ford, Beebe, Ark.

White Rock eggs for hatching. From prize winning stock; price per setting \$2.50 postage paid or \$10 per 100 by express. Mrs. Lucy Tisdale, Joplin, Mo.

White Wyandottes, prize winners, 30 eggs for \$3.00; 100 eggs \$8.00 postage paid. Wm. Grothe, R. 5, Chillicothe, Mo.

Fifty Single Comb White Leghorn hens bred for layers. Price \$13 per dozen. f. o. b. Chaonia, Mo.

March and April delivery orders taken now for pure bred White Orpington eggs at \$2 per setting. Mrs. Glendale Powell, Piggott, Ark.

Rose Comb Rhode Island Red Cockerels, egg laying strain. Price \$2 to \$5 each. Eggs for hatching. \$5 per setting. Fertility guaranteed. B. E. Depew, Ironton, Mo.

Eggs for hatching and baby chicks for sale. Also S. C. Brown and White Leghorns; Barred Rocks and Rhode Island Reds. Send for catalogue. Estes Poultry Farm and Hatchery, Logan, Mo.

Single Comb White Leghorn cockerels from trapnested parents. Dams 200 to 260 egg layers. Each \$2 or three for \$5. Mrs. J. B. Kimes, Monroe City, Mo.

Cockerels from Ferris S. C. White Leghorn hens, hens with a record of 265 to 300 eggs per year. Only a few left. Price \$3.50 each. S. C. Martin, Franklin, Ark.

Mammoth Bronze turkeys, spring toms; price \$15 and up; hens \$7.50 to \$10. A choice tom and one hen for \$30. Order before it is too late. S. C. Martin, Franklin, Ark.

Prize winning Barred Rock cockerels for sale at \$3 each. R. J. Hubbard, Marianna, Ark.

Purebred Single Comb Brown Leghorn eggs, 15 for \$1. Single Comb Brown Leghorn roosters ready for service, \$1.50 each. Clarence Young, Waldron, Ark.

S. C. White Leghorns—Hens, cockerels and cocks direct from trapnest records of 288 to 317 eggs per year. Eggs \$7.50 per 100; baby chicks \$15 per hundred. Cloverdale Leghorn Farm, Aurora, Mo.

Eggs for hatching. Buff Orpingtons, also high producing Single Comb White Leghorns. Price \$1 per 15 eggs or \$5 per 100 eggs. Mrs. T. B. Utterback, Gazette, Mo.

Rouen Duck eggs for sale at \$10 per hundred, f. o. b. John F. Glasser, Commerce, Mo.

Giant Single Comb Black Minorca eggs, March and April delivery. Orders booked on 20 percent deposit. C. V. McGuire, Crane, Mo.

Poultry for sale. Single Comb Anconas, 331 egg strain. Eggs at reduced prices. Ernest Beck, Lebanon, Mo.

Prize winning Barred Rock Cockerels; also eggs for setting. Have a standard line of Rhode Island Red eggs on school farm. R. J. Hubbard, Marianna, Ark.

S. C. Rhode Island Red eggs from pen, \$2 per setting; from flock, \$1 per setting; cockerels, \$2.50 to \$5. R. Y. Oates, Russellville, Ark.

Single Comb Buff Leghorn, Red and Black Langshans eggs from best show pens for \$3 per 15, \$5 per 30, \$9.75 per 100. Write for prices and show record L. P. Guillory, Cottonport, La.

Eggs for hatching from pedigreed strain of White Leghorns. Price \$1 for 15 eggs. \$6 per 100. Fertility guaranteed. Mrs. Clyde Adams, Gravette, Ark.

S. C. Dark Brown Leghorn eggs for hatching. High quality stock, priced very reasonable. Write for mating list. Laugeman Bros., Elmont, Mo.

Brown Leghorns, \$3 to \$5 pens, all in one yard this season and eggs go at \$2 per 17, or \$8 per 100. This price gets the best. P. R. McBride, Lebanon, Mo.

Single Comb White Leghorns, pure bred American strain, bred for heavy egg production. Vigorous range stock. Hogan tested, day old chicks, \$15 per 100, eggs \$6 per 100, post paid. Satisfaction guaranteed. H. E. Carlan, Arthur, Mo.

Four Ancona cockerels, hatched from eggs out of Shepherd; the four for \$10. Mrs. E. H. Buck, Gravette, Ark.

White Wyandottes, 30 eggs, \$3; 100 eggs, \$8, postpaid. Wm. Grothe, R. 5, Chillicothe, Mo.

White Plymouth Rock eggs for hatching, prize winning strain, \$1.50 for 15. Alfred Bolt, Zack, Ark.

Barred or White Plymouth Rock eggs, \$1.50 to \$4 per setting; \$10 per 100. Plymouth Rock Farm, Motor Route B, Box 458, Joplin, Mo.

Buff Orpington eggs, 12 for \$1, from the Owens strain. Indian Runner duck eggs, \$1 for 12. Toulouse geese, \$10 per pair. Naragansette turkey eggs, \$1 each. D. R. Forbes, Hackett, Ark.

South Carolina Mottled Anconas eggs per setting of 15 by parcel post, \$1.25. T. W. Thompson, R. 2, Austin, Ark.

Pure bred S. C. Buff Minorcas hens, 11 months and one cockerel; eggs from pure buff Minorcas that are bred to lay, \$2.50 for 15 postpaid. Mrs. H. Z. Lee, Cotton Valley, La.

S. C. Rhode Island Red eggs, \$3 per setting of 15. From the Famous Sun-Kist laying strain. W. F. Daniel, Lonsdale, Ark.

POULTRY WANTED

Wanted to buy purebred Buff Rock baby chicks. Give lowest price, description and date of delivery. Also want to buy eggs for hatching. Mrs. R. J. Scoville, R. 1., Birch Tree, Mo.

Wanted Burbon Red Turkeys, stock and eggs. State price in first letter. Miss Bird Dunlap, Clarksville, Ark.

Wanted fifty Brown Leghorn hens. C. S. Brewer, Cabot, Ark.

For Sale or Exchange—Miscellaneous

Two h. p. Titan International gasoline engine in good running order. Price \$50 cash. Champion grinder for \$7.50. P. P. Parsons, Wickes, Ark.

E. B. Whitaker, Marianna, Ark., has 12 pairs of double blankets manufactured from home grown wool for sale.

Owner will sell 94 acres of deeded land and an 80 acre homestead tract located in Washington county. Forty eight acres in cultivation, 1000 apple trees, three room house, good barn, a splendid well of water and good springs. There is plenty of free range. Will sell livestock and farming tools with the place or sell the land alone. For price write W. J. Shook, R. 1, Cane Hill, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 4

LITTLE ROCK, ARKANSAS

April, 1922

Four Years' Work of Bureau of Mines, Manufactures and Agriculture Approved by Comptroller

STATE COMPTROLLER VAN B. SIMS, in his report to the Governor, following the completion of an audit of the Department of Mines, Manufactures and Agriculture, especially commends the accurate and business-like methods of handling the millions of feed stamps, fertilizer, cottonseed meal and gin tags without a loss of one cent to the state and with every tag and every stamp accounted for.

In speaking of the system that Commissioner Jim G. Ferguson has established, Mr. Sims says: "The department has in operation a system of handling the feed, fertilizer and cotton gin tags which this year's results have proven to be exceedingly accurate and efficient. Each tag has its serial number, and periodical balances are made in like manner, as financial institutions balance their cash. Under this system, during the last fiscal year, THE DEPARTMENT HANDLED OVER EIGHT MILLION FEED STAMPS AND ABOUT FOUR MILLION FERTILIZER TAGS WITHOUT A SINGLE DISCREPANCY. The same system is being used in the handling of cotton tags during the fiscal year." The stamps and tags are in charge of a bonded clerk, the report shows.

The report of the Comptroller also reflects the careful management of the affairs of the department through a period of decreased revenues and shows that, notwithstanding the curtailment of receipts by the short cotton crop and the slump in fertilizer sales, the expenditures were kept within bounds by a rigid policy of retrenchment and economy, resulting in a nice balance for each fund instead of a deficiency, such as might have resulted had not sound business judgment been used in the administration of the many activities of the department.

The Department of Mines, Manufactures and Agriculture handles no money and its finances could be nothing but straight, but it handles many thousands of dollars worth of stamps and tags, and it is gratifying to know that there has been NO LOSS TO THE STATE AND NO CONFUSION OF THE BOOKS in the transaction of the many thousand details incident to the distribution of these properties. The Commissioner also is charged with the

OUTDOOR MEETING OF SEBASTIAN COUNTY FARMERS WHEN FORT SMITH BUSINESS MEN WERE THE HOSTS



Demonstrations in Home Economics Bring Big Attendance of Farm Women and Canning Club Girls

expenditure of various sums for salaries and supplies for the several bureaus under his administration, and it is gratifying to know that these trans-

actions have been checked and approved by the auditorial experts—that they are not only legal and correct in every particular, but that the total of

Two-Thousand Car Strawberry Crop Begins Moving April 5th

By Chas. S. Bouton

Arkansas has increased its strawberry acreage for commercial purposes from 15,200 acres in 1921 to more than 18,000 in 1922. Last year only 12,680 acres were picked, but this was due to the fact that about 2,500 acres in northwest Arkansas were destroyed on the eve of gathering by the freeze of April 17.

The acreage figures presented on the detailed report which follows actually totaled over 19,000 acres, but there is unquestionably some overestimation which it is impossible to specifically check. This is a common trouble. Local rivalry causes each shipping point to make optimistic claims, which its neighbors and rivals vigorously discount. It has been the purpose of this Bureau to harmonize

these conflicting claims and use our knowledge of previous shipments and the apparent percentage increase of acreage, to arrive at proper conclusions.

Maximum claims of acreage invariably tend to reduce prices. Buyers and distributors take into account the probable supplies and make their financial arrangements in accordance therewith. After carlot shipments become known, after the maximum figures on acreage are accepted, the yields per acre, instead of showing 60 or more crates to the acre, shrink to about 40, thus tending to show that the profit derived from growing the crop is far less than was anticipated.

According to the returns of the sales managers and secretaries of the

(Continued on page 2)

expenditures, regardless of the needs of the department and the appropriations made to meet them, have been kept within the income so that instead of piling up a debt against the state a substantial surplus has been left in each of the funds. It has required careful management to bring about this result, but the service to the public has lost none of its value and no work of the department was neglected because of these savings.

The Bureau of Mines, Manufactures and Agriculture and the Bureau of Crop Estimates and Immigration are non-revenue producing and are supported out of the general revenue. The expenditures for these bureaus for the last fiscal year were, for salaries, \$6,958.28, and for maintenance \$9,179.65, a total of \$16,137.93.

The Feed Inspection Bureau during the last fiscal year had an income of \$41,184.27 to be added to a balance remaining in the fund at close of the previous year. After expenditures for salaries, maintenance and all purposes, there was a balance of \$6,703.71 in this fund at the close of the year.

The Fertilizer Inspection Bureau received during the last fiscal year only \$15,255.88, due to the decreased sale of fertilizer. There was, however, a balance remaining in this fund from the previous year and after all expenditures for maintenance of the bureau there was left to the credit of the fund at the close of the year, cash amounting to \$7,811.91.

The Warehouse and Marketing Bureau had an income during the last fiscal year of only \$22,704.71, owing to the small crop of cotton. But there was to the credit of the warehouse fund a substantial balance from the operation of the Bureau for the previous year, and after expenditures for all purposes there was left in the fund a balance of \$2,112.56.

The inventory of equipment in use by the department at the close of the last fiscal year shows property to the value of \$10,753.92, considerable of which was bought during the year, several needed improvements being made in the arrangement of the office, exhibit rooms and laboratory, it being the policy of the administration to keep this equipment up to a high and efficient standard.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

Forecast of Arkansas Strawberry Crop Is 2,060 Cars

(Concluded from page 1)
various associations, a total of 2,060 carloads is expected from this state. This is just double the number of shipments of last year and can hardly, in the nature of things, be realized. There are always weather conditions, such as excessive rains, or frosts, to be taken into account. Should the harvesting season be normal it is entirely possible, however, that the production will equal 2,000 carloads, counting 50 crates to the acre for an average. The heaviest production, other things being equal, will naturally be where the beds one or two years old predominate. In Northwest Arkansas the production is not expected to exceed one car per each ten acres. At Horatio and at some of the White county points estimates are made for as high as one car for each seven acres. In other words, the condition in many of the points in Northwest Arkansas is for not more than 70 per cent of a crop, though there are points in the territory with exceptional prospects. Weather conditions from now on may raise or lower these estimates.

The prevailing price for picking over most of the territory will be 2½ cents per quart. Shipments should begin from Sevier county points about April 5th and the season should finish in Northwest Arkansas with the late Aromas about June 1st.

The largest acreage, as was the case last year, is in White county, where there has been an increase of about 16% over last year, bringing the acreage in the neighborhood of 7,200 acres for the county. In this county the Aromas make about one-third of the crop. Klondikes two-thirds.

Benton county, in the extreme northwest corner, is nearly all Aroma, while Washington county is about like White county, with one-third Aromas. For the state as a whole the Klondike acreage is about 71%, Aroma 28%, and scattering varieties 1%.

From reports received from all shipping points concerning the amount of new acreage being set, the figures total the large amount of 5,980 acres. This figure, however, includes not only those already set but those which growers expect to set. Undoubtedly this total will not be reached, owing to various factors, such as wet soil, failure to get new land cleared, and various other causes.

SEVIER COUNTY

Horatio—Horatio Fruit Growers' Ass'n L. O. Shull, secretary; Klondike Berry & Fruit Ass'n, H. C. Pride,

secretary; Sevier County Strawberry Growers' Ass'n, Glen F. Wallace, secretary; 1,200 acres; cars expected, 117; variety, Klondike; shipments begin April 5.

DeQueen—DeQueen Growers' Ass'n, J. L. Cannon, secretary; Sevier County Strawberry Growers' Ass'n, Glen F. Wallace, secretary; 400 acres; cars expected, 40; variety, Klondike; shipments begin April 5.

Lockesburg—Lockesburg Truck and Berry Ass'n, T. W. Park, secretary; Sevier County Strawberry Growers' Ass'n, Glen F. Wallace, secretary; 125 acres; cars expected, 15.

POLK COUNTY

Grannis—Grannis Truck and Fruit Growers' Ass'n, J. C. Jones, secretary; 140 acres; cars expected, 7; variety, Klondike.

Gillham—60 acres; variety, Klondike.

Cove—Cove Berry Growers and Strawberry Ass'n, Dan Harrah, secretary; acres, 75; cars expected, 11; varieties, Klondike and Aroma.

LITTLE RIVER COUNTY

Winthrop—Canvassed, but no report.

SCOTT COUNTY

Abbott—Abbott Fruit Growers Ass'n; 105 acres; cars expected, 10; varieties, Klondike and Aroma.

SEBASTIAN COUNTY

Mansfield—Mansfield Fruit and Truck Ass'n., J. J. Groves, secretary; 300 acres; cars expected, 50; varieties, Klondike and Aroma.

Fort Smith—Thirty acres.

CRAWFORD COUNTY

Van Buren—275 acres; cars expected, 35; varieties, Klondike and others.

Alma—Canvassed, but no report.

Dyer—Canvassed, but no report.

Mulberry—Sam Hawkins, secretary; 275 acres; cars expected, 30; variety, Klondike.

Mountainburg—Mountainburn Sales Co., J. M. Doyel, secretary; 250 acres; cars expected, 30; variety, Klondike.

Rudy—Canvassed, but no report.

FRANKLIN COUNTY

White Oak—Canvassed, but no report.

PERRY COUNTY

Houston—Houston Fruit and Truck Growers Ass'n., D. A. Tucker, secretary.

YELL COUNTY

Havana—Havana Berry Ass'n., L. B. Berry, secretary.

CONWAY COUNTY

Morrilton—Conway County Horticultural Ass'n., J. W. Smith, secretary; 250 acres; cars expected, 36; variety, Klondike.

JEFFERSON COUNTY

Pine Bluff—Jefferson County Strawberry and Truck Growers Ass'n., T. F. Gadberr, secretary; 30 acres; cars expected, L. C. L.; variety, Klondike.

CLAY COUNTY

Knobel—Knobel Fruit and Vegetable Ass'n, H. C. Sellmeyer, secretary; cars expected, none.

Piggott—Piggott Nurseries, E. H. Ballard, secretary; 100 acres; cars expected, 10; variety, Klondike.

INDEPENDENCE COUNTY

Desha—Desha Fruit and Truck Growers Ass'n, William Waller and P. O. McHue; 70 acres; cars expected, 6; variety, Klondike and Aroma.

PULASKI COUNTY

Little Rock—220 acres.

Mabelvale—Canvassed, but no report.

Sweet Home—Canvassed, but no report.

Jacksonville—Canvassed, but no report.

LONOKE COUNTY

Ward—Ward Fruit and Truck Ass'n, T. W. Sapp, secretary; 305 acres, cars expected, 35; varieties, Klondike and Aroma.

Cabot—Canvassed, but no report.

Austin—Canvassed, but no report.

WHITE COUNTY

Bald Knob—Bald Knob Fruit Ass'n, J. A. Adkins, secretary; Bald Knob Fruit Exchange, J. W. Coombs, secretary; 1,700 acres; cars expected, 205; shipments begin April 15 to 20.

Beebe—Beebe Fruit and Truck Growers Ass'n, E. H. Abington, secretary; 500 acres; cars expected, 55; shipments begin April 15 to 20.

Bradford—Bradford Fruit Growers Ass'n; 605 acres; cars expected, 80; shipments begin April 15 to 20.

Garner—Garner Fruit and Truck Growers Ass'n; 145 acres; cars expected, 13; shipments begin April 15 to 20.

Griffithville—T. R. Pence and G. W. Price, secretaries; 300 acres; cars expected, 30; shipments begin April 15 to 20.

Higginson—Higginson Fruit Growers Ass'n, J. A. Adkins and F. E. Covey, secretaries; 300 acres; cars expected, 25; shipments begin April 15 to 20.

Judsonia—Shippers Union, A. M. Kittler, secretary; Judsonia Fruit Ass'n, Wm. Laser, secretary; 1,500 acres; cars expected, 180; shipments begin April 15 to 20.

Kensett—Kensett Fruit Growers Ass'n; 40 acres; shipments begin April 15 to 20.

McRae—McRae Fruit and Truck Ass'n, G. F. Price, secretary; McRae Strawberry Ass'n, C. A. Millett, secretary; 1,800 acres; cars expected, 225; shipments begin April 15 to 20.

Russell—J. W. Coombs, secretary; 160 acres; shipments begin April 15 to 20.

Searcy—J. W. Sanford, secretary; 125 acres; shipments begin April 15 to 20.

West Point—(Probable) Kensett Fruit Growers Ass'n; 120 acres; shipments begin April 15 to 20.

BOONE COUNTY

Bergman—Bergman Strawberry Ass'n, Will Greenfield, secretary; 90 acres; cars expected, 7; variety, Aroma; shipments begin May 1.

Harrison—Boone County Fruit Growers Ass'n; 140 acres; cars expected, 12; variety, Aroma; shipments begin May 1.

Olvey—Olvey Strawberry Ass'n, O. F. G. A. (F. W. Greene, secretary); 35 acres; cars expected, 5; variety, Aroma; shipments begin May 1.

CARROLL COUNTY

Oak Grove—Oak Grove Fruit Growers, Arthur Jeffries, secretary; 5 acres; variety, Aroma; shipments begin May 1.

Grand View—Grand View Strawberry Growers Ass'n, Tracy H. Barrett, secretary; 100 acres; cars expected, 10; variety, Aroma; shipments begin May 1.

Eureka Springs—

Berryville—60 acres; cars expected, 4; shipments begin May 1.

BENTON COUNTY

Avoca—Avoca Fruit Growers Ass'n; O. F. G. A., J. W. Stroud, Rogers, Ark., secretary; 400 acres; cars expected, 50; shipments begin May 1 to 10.

Bentonville—Bentonville Strawberry Growers Ass'n, L. L. Swency, secretary; 140 acres; cars expected, 10; variety, Aroma; shipments begin May 1 to 10.

Decatur—Decatur Fruit Growers Ass'n, O. F. G. A.; 350 acres; cars expected, 60; varieties, Klondike and Aroma; shipments begin May 1 to 10.

Garfield—Benton County Fruit Growers and Shippers Union, O. F. G. A.; 185 acres; cars expected, 28; shipments begin May 1 to 10.

Gentry—Gentry Fruit Growers Ass'n, O. F. G. A.; 350 acres; cars expected, 50; varieties, Klondike and Aroma; shipments begin May 1 to 10.

Gravette—Central Ozark Vineyard Ass'n, O. F. G. A.; 200 acres; cars expected, 20; variety, Aroma; shipments begin May 1 to 10.

Hiwassee—Hiwassee Fruit Growers Ass'n, O. F. G. A.; 105 acres; cars expected, 15; shipments begin May 1 to 10.

Lowell—120 acres; cars expected, 15; shipments begin May 1 to 10.

Rogers—Rogers Shippers Union, O. F. G. A.; 200 acres; cars expected, 20; variety, Aroma; shipments begin May 1 to 10.

Siloam Springs—Siloam Springs Fruit Growers Ass'n; 200 acres; cars expected, 20; shipments begin May 1 to 10.

Sulphur Springs—100 acres; cars expected, 10; shipments begin May 1 to 10.

WASHINGTON COUNTY

Elkins—150 acres; cars expected, 15; shipments begin April 25 to May 1.

Farmington and Fayetteville—C. W. Appleby, secretary; 1,400 acres; cars expected, 150; variety, Klondike; shipments begin April 25 to May 1.

Johnson—265 acres; cars expected, 23; shipments begin April 25 to May 1.

Lincoln—150 acres; cars expected, 12; shipments begin April 25 to May 1.

Prairie Grove—175 acres; cars expected, 14; shipments begin April 25 to May 1.

Springdale—Springdale Berry Growers Ass'n, Wilson Cardwell, secretary; Springdale Shippers Union, J. M. Hewitt, secretary; 1,800 acres; cars expected, 165; varieties, Klondike and Aroma; shipments begin April 25 to May 1.

Winslow—100 acres; cars expected, 8; shipments begin April 25 to May 1.

MARION COUNTY

Yellville—Yellville Strawberry Growers Ass'n, Fulton Patterson, secretary; variety, Klondike.

Inquiries From Homeseekers

Willard P. Barton, 112 Reed St., Moberly, Mo., asks for general information.

Melvin Aylor, R. 1, Winston, Va., is interested in timber and farm land. G. G. Dixon, Galva, Kan., writes for literature.

D. E. Tinsley, Box 51, Spencer, Neb., expects to locate on a farm in Arkansas.

Paul Shoul, care C. M. Haley, R. F. D., Hamlet, Ind., is looking for homestead land.

M. G. Coleman, field secretary, Lake View Hospital, Danville, Ill., is interested in fruit land.

Stanley E. Brooks, Wauna, Oregon, wants to come to Arkansas.

A. Z. Blanchette, Aberdeen, S. D., asks about land prices.

Miss Blanche Goltry, Arnolds Park, Iowa, seeks a location for teaching school.

J. M. Champ, 3608 Vine St., Sioux City, Ia., is looking for a warmer climate.

K. O. Lackenbacher, 16 North 10th St., East Nashville, Tenn., asks for information about Arkansas.

Harold Andrew, Denton, Maryland, writes for prices of farm land.

FARMS FOR SALE

Boone County Farm—185 acres, all under good hog-proof wire fence; 160 acres cleared, rest in good timber, tame grass and clovers; 25 acres of orchard coming into bearing; fine spring water; house, barn and other buildings; three miles to town and railroad; good road and mail route. M. S. Oxford, Alpena Pass, Ark.

Franklin County Farm—142 acres; 80 acres in cultivation; some meadow and orchard; six-room house; two tenant houses; near school; elevation 1,600 feet; \$2,000, half cash. E. S. Turner, Barnes, Franklin County, Ark.

Farm in Faulkner County—140 acres 22 miles north of Conway and two miles from Guy; 40 acres in cultivation, balance in pasture except 20 acres not fenced; two sets of improvements, one four-room house and one two-room house; good barn. Will trade my equity for business in the city, automobile or anything of value. W. K. Rhoades, R. 2, Greenbrier, Ark.

White County Farm—40 acres, well improved, all fenced, comparatively level, no overflow; 4 acres strawberries; good orchard; all in cultivation; six-room house; stable and granary; meat and well house and other outbuilding; 1½ miles from town; has good schools and churches near. Ideal for truck or general farming; bargain if sold at once. Ellis E. Sands, R. 2, Beebe, Ark.

Farm and Store—On Route 2, Jonesboro; 26½ acres poultry and truck land; \$3,000 worth of buildings; five-room dwelling; good barn. J. P. Lamb, R. 2, Jonesboro, Ark.

Stone County Farm—120 acres, 25 acres in cultivation and remainder in timber; four-room house, tenant house, a large store building; postoffice and other buildings. R. F. D. mail. J. B. Farthing, owner, Parma, Ark.

Farm for Sale Near Conway—164 acres, 90 acres in cultivation; six acres in young orchard; three sets of improvements; land fenced and cross-fenced; will grow corn, cotton, alfalfa, etc.; \$20 per acre, one-half of the mineral rights reserved. Will consider trade. Frank Dockhorn, Portales, New Mexico.

Drew County Farm—Conveniently situated; 148 acres; suitable for fruits, vegetables, grain and cotton; \$15 per acre. Frank Henry, Reefs Bluff, Ark.

Farm in Van Buren County—Partly cleared and part in timber, 240 acres, three houses, well and spring; railroad town six miles; \$2,000. Robert H. Black, R. 2, Shirley, Ark.

Improved Farm of 80 Acres in Clay County—Seven-room house, barn; hill and bottom land; fine for orchard; price \$7,000. Whit Haywood, Piggott, Ark.

Fine Farm for Fruit and Stock Raising—140 acres, fenced; three-room house and other buildings. Jackson Pruitt, Gld, Ark.

Farm in Ouachita County—456 acres all fenced with woven wire and barb wire, 100 acres under plow. For price and terms write Wm. Bechtelheimer, Bearden, Ark.

One Hundred Sixty Acres in Baxter County—Small house, large barn, plenty of spring water, 40 acres in cultivation; close to school, 15 miles from railroad; price \$10 per acre. A. J. Rimer, Mountain Home, Ark.

Two Farms of 80 Acres Each—One mile from thriving town; well improved. Address Box 151, Rector, Ark.

Two Hundred Eighty Acres—80 acres cleared and 200 in timber; seven-room house, three-room tenant house, and a barn. Owner wants to sell because of poor health. J. C. Chisholm, R. 1, Atlanta, Ark.

Fulton County Farm of 100 Acres—45 acres in cultivation; some timber and bottom land; 5-room house, a barn, plenty of water. Will sell live stock and tools; price \$2,000. Alvin Gilbert, Draft, Ark.

Level Clay Land—160 acres in pasture, 35 acres in cultivation; lots of improvements, large house, barn, corn crib, tool house, etc.; price \$20 per acre. E. F. Eckhart, R. 1, B. 31, Hardy, Ark.

Two Hundred Acres in Scott County—Good improvements, 40 acres in cultivation; near school; price \$2,300. J. D. Dexter, Blue Ball, Ark.

Northwest Arkansas Farm—40 acres near Pea Ridge. Three-room house, new storage house; five-acre orchard, two poultry houses. This is a fine fruit and poultry farm; all fenced. Will sell at a bargain. Peter Brinkman, R. 1, Seligman, Mo.

Drew County Farm—120 acres five miles from Monticello. All bottom land; 80 acres in cultivation, balance in timber and pasture, fenced with hog wire; \$30 per acre. T. A. McCandless, R. 1, Monticello, Ark.

Good Farm in Sebastian County—420 acres near Midland; well watered; 200 acres in meadow, 100 acres in cultivation, balance in pasture. Seven-room house, barn and feed houses; one tenant house; price \$50 per acre. R. A. Bishop, 1208 North 19th St., Fort Smith, Ark.

Van Buren County Farm—60 acres in cultivation, 35 in pasture; three acres fenced for hog pasture and the balance of 190-acres tract in meadow and timber; new four-room house, barn, poultry house and other outbuildings; home orchard, plenty of water; six miles south of Clinton. A fine place for stock raising. James L. Jones, Formosa, Ark.

Farm in Fruit Section—120 acres, 12 acres in cultivation, rest in fine timber; house, barn and a few fruit trees; plenty of water; seven miles from Marshall, the county seat; \$1,000 for quick sale. C. A. Parmenter, Zack, Ark.

White County Farm—242 acres, one mile from school, 15 miles from railroad; 140 acres in cultivation, 90 acres in pasture and timber. An abundance of fine water; four-room box house and log barn; one tenant house and outbuildings; place fenced with woven wire; price \$6,000. J. B. Strickland, Romance, Ark.

Jackson County Farm—240 acres near Tuckerman; level, sandy soil; 150 acres in cultivation, rest in woods; no overflow; produces corn, cotton, oats, hay, potatoes, strawberries, etc. Sam Haynes, Tuckerman, Ark.

Boone County Farm—64 acres near Batavia, nine miles from Harrison. All land is fenced with woven wire; house, barn and granary; 100 grape vines, 300 apple and peach trees, peach orchard; desirable for poultry raising; will sell all tools, team of mares, five head of cattle and 60 purebred chickens, all for \$3,750. Will trade for a good rooming house in school town. A. W. Johnson, Batavia, Ark.

Farm of 80 Acres—Five and one-half miles from Mountain Home; 35 acres in cultivation; apple and peach trees for family use; a three-room house, log barn; plenty of water; price \$2,000; immediate possession. S. H. Noggle, Mountain Home, Ark.

Farm, All Under Fence—277 acres; 15 fine springs of water; 100,000 ties; fine grass and fruit land; 75 acres in cultivation, family orchard; ten miles to Harrison, the county seat. Near school and church; price \$4,500; terms on \$2,500. W. E. White, owner, Alpena Pass, Ark.

Logan County Farm—60 acres, 46 acres in cultivation, 14 acres in bermuda grass; good orchard, plenty of water; soil adapted to all southern crops. House, barn and outbuildings. Priced to sell. A. W. Harris, R. 1, Subiaco, Ark.

Sharp County Farm—160 acres, 35 acres in cultivation, 50 acres fenced; six-room house; a barn, crib and other outbuildings. There is enough merchantable timber on land to pay for

it. Place can be bought for less than the improvements can be made. J. S. Scoles, Williford, Ark.

A Mountain Farm—59 acres; 15 acres fenced, 12 acres in cultivation; three acres in pasture; house, barn, family orchard; pure water; price \$400, cash. Mattie Beverage, Dabney, Ark.

Fifteen Acres of Land—Five-room house, and young orchard; four miles from railroad. J. V. Linzey, Palmyra, Ark.

Benton County Farm—An ideal fruit farm of 240 acres; 100 acres in cultivation; lots of good timber; fine soil for strawberries and grapes; four miles from a railroad; \$15 per acre for quick sale. Geo. W. Vansandt, Garfield, Ark.

Pope County Farm—280 acres, 40 acres in cultivation; good water, lots of timber, good house; price \$5 per acre if sold quickly. W. F. Gessel, Treat, Ark.

Franklin County Farm—Will sell either 80 or 160 acres, five miles from county seat. J. A. Lawhorn, R. 1, Ozark, Ark.

Green County Farm—493 acres, 200 acres in cultivation, 50 acres in meadow; family orchard; eight-room bungalow house, large barn and many other outbuildings; place can be divided into four farms. B. E. Van Vleet, owner, Stonewall, Ark.

Sharp County Farms for Sale—100 or more acres, well watered, ten miles from railroad. F. M. Biggs, Sitka, Ark.

Eighty Acres of Black Land—Three miles from Prescott, on pike road; all land in cultivation except 12 acres in pasture. Geo. W. Hunt, R. 6, Prescott, Ark.

A Fine Farm of 245 Acres—175 in cultivation; plenty of water, new barn, home orchard; five miles from railroad; price \$6,000. Orval Watkins, Alpena Pass, Ark.

Marion County Farm—25 acres, 15 acres in cultivation; cistern and spring; three-room house, family orchard; R. F. D. A bargain for quick sale. Mrs. Augusta Nea, Ralph, Ark.

Farm of 160 Acres—Some improvements; plenty of water; a fine stock farm; price \$1,000. P. O. Box 6, Rex, Ark.

Farm in Southwest Arkansas—Sixty-two and one-half acres, 30 acres in cultivation; four-room house, lots of water, near church and school, fine land for corn, cotton, fruits and vegetables. W. B. Reese, R. 5, Nashville, Ark.

Forty Acres in Pope County—Near Freeman Springs; fine stock range; price \$10 per acre. Weaver Dare, Simpson, Ark.

Good General Farm—140 acres, 100 acres in cultivation, ten acres in orchard, 15 acres in meadow; plenty of water; \$3,000. W. S. McElroy, Cecil, Ark.

Truck or Poultry Farm—Forty acres for sale or exchange, near school and church; 15 acres in cultivation, balance in pasture and timber; four-room house, big barn, some fruit; \$25 an acre, \$400 cash. J. R. Brooks, Blevins, Ark.

Scott County Farm—160 acres with three-room house and other improvements; 40 acres in cultivation, some fruit; good water; cheap. J. F. White, Newman, Ark.

Grant County Farm—280 acres in tract, 90 acres in cultivation; three houses, plenty of good water; no wash land; \$15 an acre. Coleman Jones, Box 4, Sheridan, Ark.

Dallas County Land—Timber reserved, no oil or mineral lease on it; will sell or lease. Johnson House, Holly Springs, Ark.

Small Farm Near Mena—46 acres, well improved, suitable for fruit, poultry and dairying; one acre of strawberries; good water; only a mile from Mena. Price \$3,500. J. A. Willis, R. 1, Mena, Ark.

Lonoke County Farm—150 acres, good upland and creek bottom; about half in cultivation; 10 acres strawberries, 4 acres in lespedeza; good wire fence, plenty of water in pasture, good

six-room house; 40x60 feet good barn; two miles from Cabot, 18 miles from Little Rock on Pershing Highway; telephone and rural mail service; only \$35 an acre. T. G. Ringgold, Cabot, Ark.

Madison County Farm—280 acres, well improved; 1¼ miles from Pettigrew; about 80 acres in good state of cultivation; 100 acres fenced hog tight and cross fenced, balance of land in timber; lots of fine saw timber, hickory and oak; fruit for family use; live-room house, good barn and other outbuildings; 50 acres in timothy and clover meadow; plenty water and good range; this is excellent fruit and dairy farm. Half cash and terms on balance. Also 80-acre improved farm in Franklin county near Jethro. Write for prices. P. M. McCoy, Pettigrew, Ark.

Fulton County Farm—160 acres, 45 in cultivation; hardwood timber; five-room house, large barn, family orchard, smoke house, poultry house; plenty of pure water; line for stock raising; only \$800. A. B. Carder, Ruth, Ark.

Lonoke County Farm—240 acres, 120 in cultivation and pasture, under good woven wire fence; balance fine timber land; no waste land on the whole tract; sandy loam soil good for all kinds of farm products, for fruit and strawberries; two good houses with outbuildings, fine well and spring water; good school on the place, handy to church, saw mill and cotton gin; located on good road between Lonoke and Cabot. J. W. Brewer, Austin, Ark.

Cleburne County Farm—80 acres; good two-room box house; barn and poultry house; fine spring water; 10 acres cleared, under fence; oak timber and free range; price \$500, one-half cash. Geo. L. Henry, Brewer, Ark.

Randolph County Farm—320 acres for \$1,200; improvements worth \$800; lots of timber. James J. Smith, R. 2, Mammoth Spring, Ark.

Van Buren County Farm—40 acres, 10 in cultivation, balance in pasture and timber; good house, barn and other outbuildings; near school and church; plenty of water; healthy location; various crops can be raised. Cheap for \$500. A. V. Rutherford, Crabtree, Ark.

Scott County Farm—Well improved tract of 200 acres for sale or trade. A. R. Kendall, R. 2, Waldron, Ark.

STATEMENT OF OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912

Of Arkansas Farm and Marketing Bulletin published monthly at Little Rock, Arkansas, for April, 1922.
STATE OF ARKANSAS,
County of Pulaski,
ss.

Before me, a Notary Public in and for the State and County aforesaid, personally appeared Jim G. Ferguson, who, having been duly sworn according to law, deposes and says that he is the editor and publisher of the Arkansas Farm and Marketing Bulletin, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse side of this form, to-wit:

1. That the names and addresses of the publisher, editor, managing editor, business managers, are:
Publisher—Jim G. Ferguson, Little Rock, Arkansas.

Editor—Jim G. Ferguson, Little Rock, Arkansas.

Managing Editor—None.

Business Managers—None.
2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders, owning or holding 1 per cent or more of the total amount of stock.)

Published by the State Bureau of Mines, Manufactures and Agriculture for the State of Arkansas.

3. That the known bondholders, mortgages and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages or other securities are: (If there are none, so state)—None.

JIM G. FERGUSON,
Signature of Editor and Publisher.
Sworn to and subscribed before me this 21st day of March, 1922.

T. F. DIGBY,
Notary Public.
My commission expires May 7, 1924.

FARMERS EXCHANGE

Conducted jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle

Two-year-old registered Holstein bull, \$75. W. L. McCord, R. 2, Rogers, Ark.

Holstein bull, four years old; also six-year-old grade Holstein cow. David A. May, Auvergne, Ark.

Claude Petit, Harrison, Ark., has a herd of Shorthorn cattle for sale.

C. A. Feller, Eureka Springs, Ark., has two young Hereford bulls for sale.

A. C. McDonald, Friendship, Ark., has a three-year-old registered Jersey bull for sale or trade. Will sell for \$50.

Registered Jersey cattle. Dr. A. G. Clyne, Fairview Farm, Paragould, Ark.

Cattle Wanted

Eight good Jersey cows, not over six years old. W. W. Stout, Hattieville, Ark.

Pure-bred Guernsey bull yearling. H. C. Basinger, R. 1, Hackett, Ark.

Horses and Jacks

One hundred dollars buys a good five-year-old black Missouri-bred jack. J. M. Rawlings, Board Camp, Ark.

Goats and Sheep

Milk goats, grade Nubian doe and buck kids and grade Nubian does, bred to a pure registered Nubian buck. C. M. Barber, Box 212, Hot Springs, Ark.

Would like to exchange a high grade Angora buck. J. S. Faubus, Box 21, Combs, Ark.

Hogs

Berkshires—25 shoats, \$17.50 each, registered Epochal breeding; guaranteed. F. M. Luttrell, Paris, Mo.

Registered big bone Poland China boars and gilts, 8 months old. Registered in your name, \$25 each; two for \$45. Out of a litter of 12. Eight weeks old pigs at \$10 each. W. L. McCord, R. 2, Rogers, Ark.

R. M. Ruthven, Cotter, Ark., has a number of Hampshire pigs for sale.

M. G. Beaty, Harrison, Ark., has Poland China boar and sow for sale.

B. A. Spradlin, county agent, Harrison, Ark., can furnish Poland China pigs or mature animals from herds of farmers in the county at satisfactory prices.

Big-boned-spotted Poland China registered sows, sired by best boars; pigs of either sex for sale. Would like to deal with pig clubs. W. S. Millett, R. 1, Everton, Ark.

Two-month-old big type Rebrah Duroc pigs to exchange for lespedeza or sweet clover seed. Barber & Daughters, Havana, Ark.

Poland China boar, 18 months old. I. P. Rutherford, Auvergne, Ark.

Duroc-Jersey boars and gilts, five months old \$15 and \$17 each; bred gilts \$35; bred tried sows \$50. L. W. Owens, R. 2, Bingen, Ark.

Hampshire hogs, bred tried sows, \$35 to \$45; bred gilts, \$25 to \$35; young boars, \$20. Forest P. Owens, Bingen, Ark.

Big type Poland China; four pigs from registered stock, \$15 each. A. F. Foster, Center, Ark.

Hogs Wanted

Spotted Poland China hogs, D. B. Moore, Pottsville, Ark.

E. P. Dargan, Hazen, Ark., wants a registered Duroc boar to use on farm herd.

J. P. Sweatt, Weldon, Ark., wants to buy a spotted Poland China boar.

Poultry

S. C. White Leghorn eggs, \$1.50 for 15; \$6 per hundred. W. L. McCord, R. 2, Rogers, Ark.

Clear White Fishel strain bred-to-lay White Rock eggs, \$1.50 for 15 or \$3 for 50. Barber & Daughters, Havana, Ark.

S. C. White Leghorn, year-old hens, \$1 each, \$9 per dozen; cockerels, \$1.25. Ackerman strain. Willie Richards, Bald Knob, Ark.

Purebred S. C. Brown Leghorn eggs for hatching, 15 for \$1.25; 100 for \$5. Also purebred Barred Rock. W. Lee Been, R. 1, Greenwood, Ark.

S. C. White Leghorn and White Wyandotte eggs for hatching, \$1 per setting, postage paid. Mrs. H. A. Wheeler, R. 2, Prairie Grove, Ark.

S. C. Rhode Island Reds for hatching is my specialty. Mrs. G. P. Eidson, Springdale, Ark.

Buff Orpington eggs, \$1 for 15. I. H. Mitchell, R. 2, Scranton, Ark.

Barred Rock eggs, utility strain, fine layers, 15 eggs for \$1.50; 30 for \$2.50. Mrs. L. A. Yates, Onyx, Ark.

Pit Games, eggs \$2.25 per setting. Also Mammoth White Embden geese, eggs \$2.10 per setting. Mrs. Dick Chiles, Buckner, Mo.

S. C. Ancona, S. C. White Leghorn and Columbia Wyandotte eggs, 15 for \$1.25; 45 for \$3; 100 for \$6. Walter Bros., Sulphur Springs, Ark.

S. C. Rhode Island Red eggs, \$1.25 for 15; chicks, \$18 per 100. Satisfaction guaranteed. Mrs. W. S. Harrison, Pangburn, Ark.

S. C. B. Minorca eggs, \$6 per 100; hens \$2 each. E. Carver, Smithville, Mo.

Eggs from White Plymouth Rocks, \$1.50 per setting; \$4 for 50; \$7 per 100. Mrs. E. L. Utterback, Gazette, Mo.

S. C. Brown Leghorns and Silver Spangled Hamburgs, \$1.30 for 15 eggs, postpaid; cockerels \$1.50 each. W. F. Sndmeyer, R. 1, London, Ark.

Kellerstrass White Orpington eggs, \$1.25 for 15; \$3.50 for 50; \$6.50 per 100, postpaid. James L. Robinson, R. 1, Smithville, Mo.

Pure-bred Barred Rock eggs, \$2 for 15. Mrs. Duncan Wilson, Laurel Hill, La.

Buff Wyandotte eggs, \$2 for 15; \$5 for 50. The Evergreen Farm, Grandin, Mo.

S. C. Rhode Island Red eggs 15 eggs for \$1.50; baby chicks twice the price of eggs. Mrs. A. R. Bryan, Fisher, La.

S. C. Rhode Island Red eggs; 15 eggs, \$1. Mrs. N. M. Brown, R. 1, Cabot, Ark.

Rhode Island Red, \$1 per setting of 15. Reland Waddell, R. 1, Cabot, Ark.

Big Highland goose eggs, white and blue mixed, \$5 per dozen. Sylvania Pruett, Gid, Ark.

S. C. Brown Leghorns, three pens of one cock and four hens, all less than one year old, except two hens 1 1/4 years old; \$7.50 each pen. S. C. Martin, Franklin, Ark.

Toulouse Geese and Indian Runner duck eggs for sale. Sam Martin, Washburn, Ark.

S. C. Rhode Island Red hatching eggs \$3, \$1.50 and \$1 for 15; all of heavy laying quality. Pen No. 1 mated especially for strong type and color; satisfaction guaranteed. Mrs. R. C. Parks, Lewisville, Ark.

S. C. Rhode Island Red settings from standard bred, heavy laying stock, \$2 per setting; three settings \$5. Mrs. J. F. Stevens, Dardanelle, Ark.

Rhode Island Reds, Bean strain; dark red; hatching eggs now; birds in fine condition. T. A. Hall, R. 2, Damascus, Ark.

Poultry Wanted

Muscovey duck eggs. Mrs. M. Donaldson, R. 6, Paragould, Ark.

Turkey eggs. Mrs. Mollie Conner, R. 2, Alpena Pass, Ark.

Three or four hundred Brown Leghorn hens of last year's hatching. W. W. Stout, Hattieville, Ark.

Seed for Sale

Genuine White Spanish peanuts, 4 1/2 cents per pound. L. W. Owens, R. 2, Bingen, Ark.

Peas—Black and Wonderful, \$2.25 per bushel; peanuts 4 cents per lb. Forest P. Owens, Bingen, Ark.

Early Speckled Velvet Beans, re-cleaned, new sacks. Smith Bros., Dublin, Ga.

Lespedeza seed, guaranteed free from Johnson Grass and other bad grasses, 25 bushels or more, \$2.50 per bushel, f. o. b. Less than 25 bushels, \$3. Send for sample. Will exchange for ear corn in car lots, Mebane cotton seed, or some other good variety; 200 bushels, 50 gallons of syrup. O. H. Scantland, Bussey, Ark.

Cotton Seed—Haigs Big Boll Long Staple, sold for 32 cents; also Rowden's Big Boll, a standard variety. Both \$1.50 delivered anywhere in the state; \$1.25 f. o. b. Danville, Ark. J. V. Partin.

Port Rican Potato Plants—Good quality, certified by State Inspector; large and small orders shipped when you want them, at \$1.40 per 1,000; book now; send money with order. W. M. & F. M. Mullord, Boxley, Ga.

Purple Prince Iris Bulbs—Large size, vivid colors, tall strain, 40 cents per dozen, postpaid. Will exchange for other bulbs or ornamentals or berry plants. Mrs. L. R. Gibson, Batavia, Ark.

Piedmont-Cleveland cotton seed. H. C. Naff, Portland, Ark.

Mebane Triumph, Trice, Express and Acala cotton seed. Burdette Plantation, Burdette, Ark.

Express and Meade cotton seed. Robert Dortch, Scott, Ark.

Rowden & Webber's Dclatype cotton seed. S. O. Savage, Parkdale, Ark.

Paymaster seed corn. Earl Kilpatrick, Marianna; J. E. Stevenson, Dardanelle; Troy Kever, Harrison; Dr. H. J. Hall, Heyden; O. D. Vinson, Pangburn; H. B. Aldridge, Brewer, and L. W. Sturdivant, McCrory, Ark.

U. S. Selection 201 seed corn. Burdette Plantation, Burdette, Ark.

Surecropper seed corn. N. P. O'Neal, Hope, Ark.

Woodruff-Mosly variety seed corn. W. R. Cherry, Paris; S. O. Savage, Parkdale, Ark.

Thibault seed corn. J. K. Thibault, R. F. D. 1, Little Rock, Ark.

Roberts Red Cob seed corn. N. G. Roberts, Wyman, Ark.

Hildreth seed corn. Sam Carson, Fayetteville, Ark.

Ellis seed corn. Henry C. Naff, Portland, Ark.

Red Rust-Proof (Appler) oats. Robert Dortch, Scott, Ark.

Red Rust-Proof (Ferguson 71) oats. N. P. O'Neal, Hope, Ark.

Meade cotton seed, 1,000 bushels. Mrs. L. J. Brunson, R. 4, Alma, Ark.

Velvet beans, carlots or less, early speckled 90-day runners, \$1 per bushel, early speckled bunch \$1.50 per bushel. C. E. Stephens, Alexander, Ga.

Lespedeza seed, \$3.25 per bushel. R. S. Mitchell, Calhoun City, Miss.

Blue Stock peas, fine for planting in corn and hogging down, \$2.50 per bushel. G. W. Thompson, R. 3, Batesville, Ark.

Plants and Bulbs

Raspberry plants. Roy Whitney, Garfield, Ark.

Canna bulbs, 20 cents each, postpaid. Ida Wilkins, R. 1, Sugar Grove, Ark.

Cabbage plants and sweet potato plants. Major Crow, R. 1, Flowery Branch, Ga.

Jonquills, lilacs, chrysanthemums and roses; also four-o'clock seed. Mrs. Mattie Stell, R. 1, Shangaloo, La.

Seed Wanted

Mammoth Yellow soy beans. E. W. Harris, R. 1, Bellefonte, Ark.

Twenty-five bushels certified Nancy Hall seed sweet potatoes. J. E. Knox, Mill Spring, Mo.

Cook's Improved cotton seed. W. A. Candle, Bodcaw, Ark.

Miscellaneous

Home cured hams. James E. Giles, Archey, Ark.

Forty cases of home canned tomatoes, No. 3 cans, \$3 per case, f. o. b. Zinc or Bergman, Ark. E. W. Harris, R. 1, Bellefonte, Ark.

Avery tractor, plow, thresher, binder and harrow, practically new, at half price. Mrs. L. J. Brunson, R. 4, Alma, Ark.

Ladies light and dark best grade percale aprons, made to your bust and length measure; material furnished; \$2 post paid. Send me your order. Mrs. C. Parks, Lewisville, Ark.

Spraying machine for peach trees, cheap for cash. Forbes Pharmacy, Hackett, Ark.

Ferrets for rats, \$4 for male; \$4.50 for female. Thos. L. Sellars, New London, O.

Red cedar, suitable for poles or pencil and chest timber. G. H. Rhoades, Bluffton, Ark.

Rumely tractor and Rumely Ideal separator; cheap. R. G. Morris, Kearney, Mo.

M. L. VanHook, Slocumb, Ark., wants to form a partnership with some one who has a little capital to invest in the poultry business. He has 40 acres of suitable land and a house.

Wanted—Child or woman to spend spring and summer with widow lady on a small farm; good home and opportunity to raise poultry on shares. Mrs. E. L. Utterback, Gazette, Mo.

Edward Barnett, former State Geologist of Indiana, whose address is 24 East 36th St., Indianapolis, Ind., is available for geological research work in Arkansas.

Exchange

For good truck—40 acres timber land. Harvey Johnson, Wayton, Newton county, Ark.

Will exchange Brown Leghorn eggs for chrysanthemums in bulk. Mrs. J. Martin, Franklin, Ark.

March Prices of Farm Products Sold by Producers

Hogs live wt., per 100 lbs.....	\$ 6.90
Beef cattle, live wt., per 100 lbs.....	3.70
Veal calves, live wt., per 100 lbs.....	5.60
Sheep, live wt., per 100 lbs.....	4.30
Lambs, live wt., per 100 lbs.....	6.60
Milch cows, per head.....	33.00
Horses, per head.....	61.00
Milk, whole, wholesale, gal.....	.37
Milk, whole, retail, gal.....	.46
Wool, unwashed, per lb.....	.16
Wool, washed, per lb.....	.21
Peanuts, per lb.....	.06
Beans, dry, per bu. of 60 lbs.....	3.00
Sweet potatoes, per bu. of 55 lbs.....	1.05
Cabbages, per 100 lbs.....	4.40
Timothy hay, loose, ton of 2,000 lbs.	17.40
Clover hay, loose, ton of 2,000 lbs.	16.25
Alfalfa hay, loose, ton of 2,000 lbs.	19.10
Prairie hay, loose, ton of 2,000 lbs.	11.40
Clover seed, red, bu. of 60 lbs....	14.30
Broom corn, ton of 2,000 lbs.....	162.50
Cotton seed, ton of 2,000 lbs.....	27.70
Tobacco, per lb. ....	.35
Eggs, per doz. ....	.16
Chickens, live wt., per lb.....	.17
Cowpeas, per bu.	1.80
Cream, per lb. of butter fat.....	.29

The following are prices of products bought by farmers in March

Bran, per ton.....	\$30.00
Cottonseed meal, per ton.....	46.50
Cottonseed hulls, per ton.....	12.70
Clover seed, red, bu. of 60 lbs....	16.40
Timothy seed, bu. of 45 lbs.....	5.70
Alfalfa seed, bu. of 60 lbs.....	13.10

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

May, 1922

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MAY 25 1922

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LETTERS FROM THE BULLETIN READERS

The Bulletin is a fine thing for the farmers of the State.—J. M. Stevens, Green Forest. We like your paper fine.—John W. Key, Hopewell.

I think The Bulletin is a grand thing for us farmers. — Lenora Vaughan, Rex.

You are doing a good work in Arkansas for agriculture.—James L. Jones, Formosa.

You are making your department worthwhile to us. I am proud of you.—R. T. Huntley, R. 1, Box 83, Mount Holly.

The Bulletin is a great help to me in keeping up with the markets.—W. D. White, Cave City.

I want The Bulletin regularly. It is just the thing. I am a farmer.—A. P. Law, R. 2, DeWitt.

We think The Bulletin is a good thing for the farmer.—M. T. Allman, Gassville.

The Bulletin is so interesting I would like to have it sent to me.—Adren Vincent, R. 2, Hot Springs.

Many thanks to you for getting up this way of bringing buyer and seller together.—Jackson Pruett, Gid.

We certainly appreciate The Bulletin and would gladly pay to get it regularly. — T. B. Wooley, Benton, Ark.

I like The Bulletin fine. — W. N. Owens, Trull, Ark.

Please send me The Bulletin. I find it very interesting. — John Cochran, Box 13, Peach Orchard.

Send me The Bulletin. I think this is a wonderful work you are doing for Arkansas. K. R. Herbert, Bearden.

I am glad to get The Bulletin. — W. A. Streater, Waldron.

I think The Bulletin is the best little paper published.—J. F. Leder, R. 3, Stuttgart.

I have received The Bulletin and am well pleased with it.—G. J. Ross, Havana.

I would like to get The Bulletin, as it interests me. I am a breeder of chickens and like to keep up with everything.—T. A. Hall, R. 2, Damascus.

The Bulletin gives me more news in a nut shell than any other bulletin that has been put out.—T. A. Hopper, Sheridan.

I received The Bulletin, which is very interesting to me.—A. A. King, Ash Flat.



Recent Publications That Are Helping to Advertise Arkansas' Resources

The Bulletin is a great little paper and I certainly appreciate receiving it.—R. W. Keck, Salem.

I think The Bulletin is one of the best things for the people of the State they ever had. It is a great service, and I get valuable information from it.—R. C. Barnsley, Clarksville.

The Bulletin is a fine little paper, and I miss it when it does not come.—S. J. Johnsey, R. 1, Box 41, Everton.

Send me The Bulletin. I am delighted with it.—Jas. E. Ralph, R. 4, Hamburg.

I think this Bulletin is something grand for the farmers of our Old State. We can better tell what our neighbors have to sell and we can get

what we want from them, and possibly have something to let them have, and cheap, and not so far to ship.—W. F. Daniel, Lonsdale.

This report is certainly an improvement over some of the old reports which I have seen, made up mostly of uninteresting statistics.—J. C. Conway, Secretary, Southern Trust Co., Little Rock.

The completeness of this report makes it a desirable addition to any library.—W. L. Wozencraft, Hamburg Lumber Co., Hamburg.

We find this report to be a useful and comprehensive handbook.—A. H. Wrape, The Henry Wrape Co., Paragould.

READERS APPRECIATE INDUSTRIAL GUIDE

This book will be of great help to me in my business.—T. L. Knod, Gillham.

Industrial Arkansas, in our opinion, is the best thing of the kind that has been gotten out.—J. F. Hasty & Sons, Paragould.

We wish to express our appreciation of the splendid book. It is a wonder for completeness.—J. S. M. Wharton, Manager, Helena Gas & Electric Co., Helena, Ark.

It is the most complete and comprehensive directory of its kind that has been our pleasure to observe. It will be of great aid in the development of Arkansas' abundant resources.—M. E. Melton, Secy, Chamber of Commerce, Texarkana.

We are surprised at the valuable information Industrial Arkansas contains and the manner in which it is gotten out. you deserve the greatest credit for this book. It far surpasses anything we have seen of a like nature.—Fred I. Brown, Secy-Treasurer, Arkansas Foundry Co., Little Rock.

Industrial Arkansas is very much appreciated and will be kept on my desk to be used daily.—C. K. Bothwell, Assistant General Passenger Agent, Missouri Pacific Railroad, Little Rock.

Accept my congratulations on this good work of your department. The data shown in Industrial Arkansas would go a long ways to convince the financial powers of the north and east that Arkansas is an enormous producer of raw products, a considerable of a manufacturing State and rapidly becoming a leader in agricultural and many other lines of industry which go to make a prosperous State.—E. E. Stone, Enright.

I want to compliment you on your last report, Industrial Arkansas. We sent several copies to our eastern correspondents and they were highly pleased and think we have a wonderful State.—H. C. Couch, President, Arkansas Light & Power Co., Pine Bluff.

Industrial Arkansas fills a long-felt want and we are quite sure that it will be worth while to the State. Jules T. Buresen, Arkansas Short Leaf Lumber Co., Pine Bluff.

(Continued on Page Two.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange columns, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

HOW THEY LIKED ARKANSAS INFORMATION

The new map and resource book, published by you fills a long felt want for letting the people outside of Arkansas know what is in our State. We have inquiries every week about Little River county and Arkansas in general, but have to depend on written descriptions of our section in the absence of suitable literature.—R. M. Boone, Cashier, First National Bank, Ashdown.

I have read over your descriptive booklet and believe it is the best general information it has been my good fortune to read.—B. P. Smith Realty Co., Springdale.

I want to compliment you on the fine appearance and contents of your publication, Arkansas Information. The circulation of this is certain to greatly benefit the State.—J. F. Loughborough, of the firm of Rose, Hemingway, Cantrell and Loughborough, Attorneys, Little Rock.

I have just now read that splendid and most excellent book, Arkansas Information. I have perused it from beginning to end, and find it a great source of information. The eye can see at a glance what it would require a month or two to see by travel.—F. W. Pearson, Bradford.

You deserve commendation on this publication, and it is my pleasure to say so. I sincerely trust that a vast number of this publication will find its way into other States to the end that the high class progressive farmers, of which our friends tell us so much when they return from the Profitable Farming tours, may be induced to come to this land of opportunity.—Jack Bernhardt, Vice President, Cotton Belt Savings and Trust Co., Pine Bluff.

The book about Arkansas is very commendable.—Wm. B. Hays, Forrest City.

I am in receipt of a copy of your Arkansas Information, and think it is the best I ever saw, and something every citizen of the State should have. It will stimulate his pride and make him glad he is living in such a good State.—After reading my copy I mailed it to a friend in another State.—A. J. Weaver, R. 3, Emmet.

ABOUT OUR CROP REPORTS

Your crop report has just been received and I want to thank you and your co-laborers for this important and enlightening document. For nearly fifty-nine years a resident of Arkansas, it is the first even partial authoritative knowledge of our good old State's accomplishments and possibilities that I have had. You should get this report in the hands of every

taxpayer and scatter it broadcast the country. If you do nothing besides this during the remainder of this term and the next one, you can rest satisfied in the reflection that this work will accomplish more for the good of the State than any other single agency.—Gustave Jones, Newport, Ark.

We consider your State Report as invaluable, and would not be without it under any circumstances.—H. O. Confarr, Bentonville, Ark.

I get a lot of good from these reports, and use them in more than one way.—John W. Forrest, Barfield, Ark.

The Crop Report, together with your map of the State has been received. This is a character of service which has long been badly needed in our State. You have the opportunity of conferring an incalculable benefit upon Arkansas, and I see you know how to take advantage of that opportunity. I shall be pleased to have you put me upon your regular mailing list. I see that it will be well worth while for me to study your publication.—Will G. Akers, 921 Southern Trust Bldg., Little Rock, Ark.

The reports are very valuable to me. I want them.—Dr. J. H. Estes, 201 Scott street, Little Rock, Ark.

I have received the Crop Report and get some good information from it.—P. G. Flake, Vilonia, Ark.

We beg to acknowledge receipt of Arkansas Crop Report, and desire to congratulate you upon the excellent manner in which you have portrayed the improved conditions of our State. This information is interesting, and we feel confident will have a tendency to impart information and knowledge to the people of Arkansas and other States of the real substantial position and constant increase now being carried on.—E. C. Bellamy, Mammoth Spring, Ark.

Please accept my thanks for your kind offer. I am a farmer, own a farm, and hence I am very much interested in the production of Arkansas crops.—W. R. James, Redding, Ark.

Please accept our hearty thanks for the statistics which you were kind enough to send us. We are eager to put these facts before the world in such a way as will be mutually helpful to the whole country.—H. R. Nelson, Editor, The Ozark Countryman, Springfield, Mo.

I am very glad indeed to get the Crop Report which you sent me. It has some mighty good information throughout. I wish you would place us on your mailing list to receive all further publicity and statistical matter of this character. Thanking you for this courtesy.—A. I. Foard, Ad-

vertising Manager, Journal of Agriculture, 1410 Pine St., St. Louis, Mo.

I am glad, indeed, to get the information contained in your letter. We have been trying for some time to arrive at a reasonably accurate estimate of the wheat crop in our territory with a view of determining about what the car requirement is going to be. The information you have so kindly given me just about completes data for our territory and will be of service to us.—W. L. English, Supervisor of Agriculture, St. Louis-San Francisco Railway Co., St. Louis, Mo.

COMMENT ON "MINERALS IN ARKANSAS"

Minerals in Arkansas is a great advertiser for Arkansas and is attracting the interest of outsiders.—J. T. Venable, Harrison.

This is indeed an interesting booklet for one interested in the mineral resources of our State.—E. E. Cordrey, Science Department, Arkansas State Normal, Conway.

Minerals in Arkansas is of much benefit to the writer.—V. C. Pettie, President, Arkansas Advancement Association, Little Rock.

This is a valuable report and I am proud of the copy you sent me.—H. C. Alexander, geologist, Paragould.

Have greatly enjoyed reading Minerals in Arkansas. You deserve the thanks of all citizens of the State for the very practical efforts you are putting forth to make known the great natural resources of Arkansas.—E. P. Seeley, consulting Mining Engineer, Fort Smith.

The publication which your department is editing certainly must be doing a world of good and I feel that the results will show for a long time.—R. W. Etler, Merchants and Planters Bank, Pine Bluff.

You are helping to supply a much needed want, and the people appreciate it. I am always glad to get matter from your department, for it is full of useful information.—Ben Hassell, Principal Public Schools, Cushman.

I have never received from anyone so much information about Arkansas as I have obtained by reading only a part of the literature you sent me.—Hamp Williams, Hot Springs.

Minerals in Arkansas is the very book I have been looking for.—Chester Munn, Arkadelphia.

This book is a credit to your administration. I had no idea the mineral resources of the State were so extensive.—E. E. Williams, McGehee.

The information contained in Minerals in Arkansas is very interesting, and will prove a valuable asset to our files.—A. Leckie, Industrial Agent, Kansas City Southern Railway, Kansas City, Mo.

Minerals in Arkansas is an excellent book, well gotten up and will aid very materially in helping develop Arkansas.—W. H. Meredith, attorney, Poplar Bluff, Mo.

Your book furnishes an abundance of desirable knowledge of the wealth of minerals of your State.—W. N. Eckhardt, Pope & Eckhardt, 111 W. Jackson St., Chicago, Ill.

It would be a wonderful contrast to put your splendid literature beside the famous edition, "A Slow Train Through Arkansas." Arkansas is certainly a wonderful State, and you are to be commended very highly upon your success in getting the facts before the people.—T. A. Greene, Texarkana.

We are just in receipt of your splendid Minerals in Arkansas. We are constantly coming in touch with people interested in securing more information regarding Arkansas. There is nothing of more value than reports such as your "Minerals in Arkansas." L. M. Allen, Vice President and Passenger Traffic Manager, Rock Island Railroad, Chicago, Ill.

This report, like its predecessor, "Outlines of Arkansas Geology," is a credit to your office and will be a great service to the State.—H. D.

Miser, Geologist, United States Geological Survey, Washington, D. C.

The book will be of value in connection with inquiries received here regarding the mineral resources of Arkansas.—David White, Chief Geologist, United States Geological Survey, Washington, D. C.

You certainly have helped to solve the great problems that have been before us for years, viz: The publication of an economic geological report that the layman as well as the specialist can appreciate. Your miniature maps of locations of ore deposits is a fine idea. I hope that other states may follow the very advisable plan which you have used in this report.—Edward M. Shepard, Secretary, Missouri Bureau of Geology and Mines.

In your interesting report on the Minerals in Arkansas you have brought together information that will be of direct service to your citizens.—George Otis Smith, Director, United States Geological Survey, Washington, D. C.

APPRECIATE THE INDUSTRIAL GUIDE

(Continued from Page One.)

We congratulate you, for we feel that Industrial Arkansas will prove a great medium in advertising the industrial enterprises of the State.—F. M. Shewmake, Creek Lumber Co., Stamps.

Industrial Arkansas is good reading and makes a splendid showing for the State.—H. G. Pugh, President, H. G. Pugh & Co., Little Rock.

This book contains valuable information for Arkansas industries.—C. C. Fulbright, Arkansas Oak Flooring Co., Pine Bluff.

Your Industrial Arkansas will be valuable to us, containing, as it does, information that could not be procured in any other form.—Chamber of Commerce, Jonesboro.

Industrial Arkansas impresses us as being a book that will be very convenient and of incalculable value. B. C. Few, Secretary, Chamber of Commerce, Harrisburg.

Industrial Arkansas contains a vast amount of information. You should be complimented on getting this up. I certainly appreciate the copy.—Tom Davis, Vice President, Bank of Conway, Conway.

This is a valuable directory.—S. E. Dillon, Citizens Electric Co., Hot Springs.

It is a valuable book and one that every business man in the State should possess, for it contains much information. I have had occasion to refer to it many times.—E. G. Pettus, Secretary, Chamber of Commerce, Magnolia.

The writer intends to keep this book close at hand always as a kind of text book.—V. C. Pettie, Vice President, England National Bank, Little Rock.

Industrial Arkansas is one of the best ideas that has ever been thought out for the enlightenment of our industries. It reflects a whole lot of credit on what your department is doing for us.—J. E. Doherty, Jr., Manager, Southern Cotton Oil Co., Newport.

Industrial Arkansas will prove very useful to us.—C. E. Breslin, Breslin Boiler & Iron Works, Fort Smith.

I cannot refrain from again commenting upon the publication, Industrial Arkansas, which was prepared by your department. The preparation of this publication indicates many months of careful work. It contains abundant information and has been prepared in a very efficient manner. The people of Arkansas are very much indebted to you for this valuable publication.—Grover Owen, attorney and member of the Arkansas State Senate, Little Rock.

Industrial Arkansas is neat and accurately arranged. We are all proud of your official record and the interest taken by yourself in the development of Arkansas resources.—W. M. Price, Member of the Arkansas State Senate, Centerville.

FARMS FOR SALE

Caddo River Tract—Three thousand acres of unimproved agricultural land near Arkadelphia on Caddo River. The soil is adapted for general and truck farming. This tract of land is located near several good schools and colleges. It is a good proposition for colonization. Hamp Williams, Hot Springs, Ark.

Franklin County Farm—80 acres of sandy loam soil suitable for general farming. Bermuda pasture and plenty of water for livestock. Good buildings and other improvements. This farm is four miles from Branch and has daily mail service. Can be handled for a small cash payment and the balance on long terms. P. M. Holder, R. 2, Charleston, Ark.

Eighty Acres all fenced—65 acres in cultivation. Good house and barn; two wells, orchard and other improvements. Near school and church. Price \$50 per acre. Louise Steadman, Hayler, Ark.

Owner will sell either farm. One farm has 124 acres on pike road; 50 acres in cultivation, 30 in pasture, balance in timber. Five room house and a barn. Near school and church. Daily mail service. The other farm has 160 acres of which 50 acres is creek bottom soil; 40 acres in cultivation. Three room house. E. M. Marlow, Star Route, Monticello, Ark.

A fertile farm of 160 acres—12 acres in cultivation. There is a stand of fine hardwood timber on the land worth the purchase price. School and postoffice near. Price \$10 per acre. Henry Kuykendall, Campbell, Ark.

Fulton County Farm—244½ acres of which 120 acres is in cultivation, balance in timber and pasture; four room house, stone poultry house and other valuable improvements. Will sell all the land or divide into small farm. Walker Hall, Ashflat, Ark.

Good Farm in Benton County—80 acres; 45 acres cleared and seeded to grass; three room house; large barn and plenty of water. The buildings are worth the price of the farm which is \$2,000. T. A. King, P. O. Box 204, Keifer, Okla.

All Round Farm in Scott County—Nine miles from Waldron. 120 acres, 35 acres in cultivation; 50 in pasture and 30 in timber. Two good wells; five room house; large barn, poultry house, smoke house and a stock barn. Apples, peaches, plums and grapes for family use; beautiful scenery greet the eye in every direction. Jessie L. Judy, Box 324, Waldron, Ark.

Upland Farm in Van Buren County—140 acres of which 50 acres are in crops; two sets of buildings and six other out buildings. A young orchard of peaches, apples, plums, etc.; good water; near school and postoffice. W. D. Goodman, Box 47, Rex, Ark.

Stone County Farm of 120 acres—60 acres cleared. Six room house, large barn and other outbuildings. 10 acres in orchard. Eight miles to railroad town. School near farm. Write T. M. Widener, owner, Rushing, Ark.

Eighty acres eight miles from Ft. Smith—Near railroad town; good school and church. 50 acres in cultivation; level land. A good farm for fruit and poultry. Owner wants to retire from the farm and will sell this desirable property for \$65 per acre. J. M. Shelton, Barley, Ark.

Farm in North Arkansas—106 acres; 75 acres level land adapted to fruit and berry growing. Good water. Two and one half miles to town. Owner will sell at a bargain price. A. H. Jones, Franklin, Ark.

Sixty acres in Clark County—There is a five room house, smokehouse, barn and hen house; also a large garden and apple orchard. Excellent range for cattle. Price \$5,000 cash. D. R. Triplet, Atlee, Ark.

An Ozark Farm of 120 acres—22 in cultivation. A good young orchard; an abundance of water; small house; good barn; smoke house and poultry house. Red oak, pine and hickory timber. Good soil for corn and cotton. Price \$650. D. B. Almond, Rex, Ark.

Clark County Farm—100 acres on the Missouri Pacific Railroad. One half the land fenced with wire and in cultivation. Land is level and has no stumps. Good orchard. Two story house with eight rooms; gravel road; price \$50 per acre. There is a government loan of \$2,100, balance cash. T. L. Read, Gurdon, Ark.

Eighty acres level black land—Near Gurdon; all under fence with heavy net wire; 30 acres in cultivation. Price \$2,000. Mrs. C. B. Read, Bernie, Ark.

Farm in Montgomery County—137 acres on public road, near Womble. 42 acres in cultivation, the balance in young timber. Family orchard; plenty of pure water; good house and barn; a bargain price. Write the owner, J. M. Smith, Womble, Ark.

Farm in Faulkner County—291 acres; 150 acres in cultivation; all under fence. Three good wells; one hundred fruit trees; soil is adapted for general farming. Austin Johnson, Conway, Ark.

Village Property for Sale—Three acres; four room house; large barn; store building and other improvements. Will sell this property for \$700. J. Russell Butler, Drasco, Ark.

Marion County Farm Near Town—School and church near by; 20 acres cleared, balance in timber; small dwelling, a smoke house and barn and a small orchard. This is an 80 acre farm that can be bought for \$600, half cash and the balance on terms. C. V. Cline, Oakland, Ark.

General Farm in Washington County—110 acres, 60 acres in cultivation; plenty of water; log barn; 60 acres fenced with hog wire; some apple and other fruit trees. Price \$1,500 on terms. S. E. Ingram, R. L., Cane Hill, Ark.

Improved Farm in White County—172 acres six miles north of Searcy, the county seat; fine range for livestock; land suitable for corn, cotton, hay and fruit. The hydro electric power plant is near by. Price \$5,700. Mrs. D. C. Davis, Pangburn, Ark.

Farm in Cleburne County—Suitable for general farming; 40 acres, 13 acres cleared of which a part is being set in orchard; soil grows corn, cotton, hay, grain, fruits and vegetables. Near good school and church. Owner will give possession at once. Write H. V. Flowers, Shilo, Ark.

Farm is Northwest Arkansas—160 acres. One hundred young peach trees; new house; good corn crib and other out buildings. Eighty acres of land can be cultivated. If interested, write Luther Pack, Dabney, Ark.

Well Improved Farm in Baxter County—217 acres; lots of pure mountain water; this is a splendid location and the owner will make an attractive price. W. H. Green, Gassville, Ark.

One Hundred Sixty Acres for Sale—70 acres in cultivation; 20 acres in clover and grass; five acres in orchard; balance in virgin timber. Three room house, two barns and other out buildings. Price \$1,600. Wesley Berry, Mt. Judea, Ark.

Faulkner County Farm and Dairy—491 acres, 75 in cultivation, all under fence. Two sets of buildings. New barn, 24x96 ft. Twenty-five cows, 40 head of cattle in all. Three horses, seven hogs, 200 Buff Orpington chickens. Farm wagon, buggy, milk wagon, grain drill, mower, rake, full set of farm implements. Good water. Good roads. School and church. Price \$7,500. Title abstracted. Terms reas-

onable. Lee Lenon, 1923 North Tyler Street, Little Rock, Ark.

Farm for Only \$700—32 acre farm with a three room house, barn, smoke house, a good well and spring handy to house; only three miles to Belleville. This farm has about 5,000 feet of good saw timber and lots of wood. 10 acres in cultivation. Fine farm for fruits and stock as it is all under fence. Cattle have free access to about 400 acres of pasture. The low price of only \$700 gets this farm. Will give terms on part. C. H. Cobb, Belleville, Ark.

Farm Near Little Rock—106 acres located on concrete and asphalt pike, near Little Rock; 75 acres in cultivation, six acres orchard, balance in woods, creek bottoms, and pasture. Ideal building sites right on pike; much cultivated land is dark sandy loam that will grow most any crop. Three tenant houses, one new four room house, one barn, one store, other small outhouses; two wells. This is an ideal proposition for dairying or stock raising. Write J. L. Bomar, 1108 Wolfe Street, Little Rock, Ark.

Forty Acres in Pulaski County—30 in cultivation, 10 acres in pine timber, all under woven wire fence, with a two room house, a good barn, new potato house, chicken house, hog house. Farm seven miles south of Little Rock, Ark. Soil is adapted to truck crops. Price \$2,500, about one half cash. L. M. Burrow, 1605 West Third St., Little Rock, Ark.

Washington County Farm—55 acres, 35 acres fenced, three room house, barn, well and spring; located near school and church; two miles from a railroad station; price \$1,200; terms. Mrs. Effie Patterson, R. 1, Elkins, Ark.

As Ozark Farm of 70 acres; 30 acres in cultivation; 10 acres meadow and eight acres in orchard mostly apples and peaches. Three room house; two barns, chicken house and work house. Three springs and a well supply plenty of pure water. Fine soil for fruit, berries and staple crops. Price \$40 per acre and will give terms on part. Possession at once. W. B. Blackburn, R. 2, West Fork, Ark.

Montgomery County Farm of 160 acres, near Waters. Two sets of buildings; fine water, good orchard. About 90 acres in cultivation. Level land, clay foundation. Will sell 100 acres separately. Terms. This is a fine farm. Write to R. E. Lee, Waters, Ark.

Eighty Acres of Land nearly all fenced; 40 acres in cultivation, fresh land. Three room house, good barn and good garden. Will sell this good property on terms. J. C. Cox, Amity, Ark.

One Hundred Forty Acres of Land; 100 acres in cultivation, the rest in timber. Cultivable land is level. Five room house, barn, hayshed, granary, garage. Near good school and two churches. Write R. M. Denton, Evansville, Ark.

Will Exchange Eighty Acres of good farm land, 20 acres in cultivation, for good second-hand truck, one and one-half tons capacity. Land suitable for apple and peach orchards. It is located in north-west part of Van Buren county. J. B. Goats, Copeland, Ark.

Fifty Acres for Sale—15 acres fenced, balance in timber. Two room house, plenty of good water. A good community. Price \$350. E. M. Kent, Mt. Judea, Ark.

Eighty Acre Farm—20 acres in cultivation, four acres clover. All under fence. Open range. Family orchard. One mile to school and church. Write W. R. Butterfield, Holt, Ark.

Northwest Arkansas Farm of 38 acres, three miles northwest of Rogers. 30 acres in cultivation; smooth land slightly rolling. Spring in pasture, well near door. Four room house, small barn. Phone and daily mail; near church and school. One hundred three year old cherry trees; also peaches, plums, berries and grapevines. Price \$4,750. No trades. Geo. M. Stockton, Rogers, Ark.

Owner Will Sell 80 Acres of deeded land in Greene county, 50 acres in cultivation, 12 acres in orchard; medium buildings; good wire fence; free range. Soil will grow anything. J. D. Compton, Dilaplain, Ark.

Hill Farm in Lawrence County—75 acres; 40 acres fenced and in cultivation. Two room house, small barn; good cistern; peach and apple trees. One mile to school and church. Write W. M. Stewart, Eaton, Ark.

Jackson County Farm—137 acres. Two dwellings, one ten rooms and the other five rooms; water in both houses. Barn and shed room for 100 head of cattle. The farm is fenced. With the farm, owner will sell 100 head of livestock, vehicles and implements. J. H. McKinsey, Balch, Ark.

Two Hundred Ninety-five Acres six miles from Decatur, 200 acres in cultivation; 125 acres in bottom. Fenced with hog wire. Running water, two springs; six room house; large barn; plenty of out buildings. Will consider a trade, or sell on terms. A. D. Wilmoth, Decatur, Ark.

Baxter County Farm—215 acres level land partly improved. Good road, near school. This land is in the northern part of Baxter county. Also 60 acres partly improved in the southern part of Baxter county. Will sell either tract on easy terms. M. T. Allen, Grassville, Ark.

One Hundred Sixty Acres—90 acres subject to cultivation; 15 acres now in cultivation; 45 acres fenced; four buildings; springs and running water; family orchard; small nursery with 2,000 budded and grafted trees ready to set out. Splendid range for cattle, hogs, and sheep. Will sell or exchange for small acreage near town. Prefer eastern Kansas. J. W. McKinze, Fox, Ark.

Grant County Farm—Situated in the southeast corner of Grant county. School and church near. Will sell for \$15 per acre. J. M. Woodfield, Lamont, Ark.

Boone County Farm—43 acres in tract; 15 acres in cultivation; eight acres branch bottom fine for alfalfa. Two acres of strawberries; four acres of orchard grass. 38 acres of this tract can be cultivated and is suitable for all kinds of crops. Price \$2,750. Will sell on terms. Paul Barham, Bergman, Ark.

Madison County Farm—172 acres 152 acres fenced with woven and barb wire. Three room dwelling, two barns, cellar, out buildings. Plenty of fruit for the family. Lots of pure water. Rural route, telephone. Price \$2,500, \$1,500 cash, balance on terms. Joe E. Jackson, Jasper, Ark.

Four Hundred Forty Acres at a bargain if taken before June first. Three-fourths of this tract is good tillable land that will produce corn, cotton, grain and fruits. There are two good houses, saw mill, grist mill and other improvements. Price \$3 per acre. C. E. Reed, Cleveland, Ark.

Eighty Acre Farm—Fifty acres in cultivation. Sandy loam soil; fine for strawberries and other small fruits. Plenty of fine water. Good house, tenant house, barn and other improvements. Near school and church. This is a good location for stock raising as there is plenty of range. Owner will sell for \$3,500. J. H. May, Pike City, Ark.

Acala cotton, lately imported from Mexico by the U. S. Department of Agriculture, is said to be early maturing, drought resisting, heavy yielding and of long staple—from 1½ to 1 3-16 under favorable conditions. Samples of these seed are being distributed by the Senators and Representatives in Congress, and a list of dealers may be obtained from the State College of Agriculture at Fayetteville. It is said to be well adapted to Arkansas, Oklahoma and Texas. In Muskogee county the farmers are being urged by their bankers to plant only pure Acala No. 5 as "proven by numerous field tests and sales of staple to be the cotton best adapted for this territory."

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle

E. Dalton, Pocahontas, Ark., has for sale several Aberdeen-Angus bulls one to three years old and 20 to 30 cows and heifers of the same breed.

W. W. Mebane & Son, Piggott, Ark., have Aberdeen-Angus cattle of either sex for sale and state that they can furnish from one head to a carload.

J. F. Barbee, Monticello, Ark., has for sale one yearling Shorthorn bull and six Jersey cows and heifers.

W. E. Miller, Gurdon, Ark., has for sale male and female purebred Devon cattle; also 28 head of five year old grade Hereford cows with calves, these priced at \$40 each with calves.

J. M. Zimpel, Clarksville, Ark., wants to buy a registered Holstein cow or heifer which will freshen soon.

W. D. Ezell, County Agent, DeWitt, Ark., is in touch with a farmer who wants to buy a Jersey bull.

Registered Jersey cows, best breeding and heavy producers. Also few choice young bulls. W. Arthur Jones, Paragould, Ark.

Purebred Holstein bull 15 months old in good condition; has high milk record on both sides. First check for \$50 gets him. W. W. Stewart, Chismville, Ark.

Purebred Jersey bull 13 months old, price \$25. Sire and dam of this animal were registered and he is subject to register. C. A. Moody, Bluff City, Ark.

Hogs

Brinkley Duroc Farms, Brinkley, Ark., have for sale Duroc-Jersey hogs of all ages.

Barber and Daughters, Havana, Ark., will have for sale a number of Duroc-Jersey pigs.

J. M. Zimpel, Clarksville, Ark., has seven sow pigs from December litters weighing 100 pounds to 130 pounds priced at \$15 to \$20 each and 20 eight-weeks old pigs priced at \$10 each of the Duroc-Jersey breed for sale.

Chas. E. Treece & Sons, Paragould, Ark., can furnish a number of Poland-China pigs.

J. F. Barbee, Monticello, Ark., will sell six Poland-China sows and gilts and one Poland-China boar; also one Duroc-Jersey boar.

R. M. Ruthuen, Cotter, Ark., can supply a number of Hampshire pigs and some animals of breeding age.

C. S. Johnson, County Agent, Warren, Ark., wants to buy 150 Poland-China pigs for club boys.

County Agent H. P. Wood, Lake Village, Ark., advises that there are several cars of feeder hogs yet for sale in his county.

Joseph Green, Rt. No. 2, Milroy, Indiana, is in the market for several hundred head of good feeder hogs.

A. F. Boswell, Levy, Ark., and R. W. Moore, Black Rock, have bought and sold a large number of feeder hogs this season. These men buy only carloads and are constantly in the market for good loads of shoats.

Choice February, March and April O. I. C. pigs. Price: Single pig, \$15; pair, not akin, \$28. From prize-winning ancestors. We vaccinate and register them free in purchaser's name. Catalogue free. S. D. & B. H. Frost, R. F. D. 2, Kingston, Mo.

Purebred Hampshire pigs for sale at reasonable prices. Will trade a boar pig with some other Hampshire breeder. John F. Hinds, Rogers, Ark.

Registered Poland China boar 10 months old; also registered Poland China sow. Excellent breeding behind both of these offerings; both guaranteed. M. G. Beaty, Harrison, Ark.

Registered Big Type Poland Chinas. Service boar a grandson of the \$10,200 Wonder Buster. This boar was the second prize winner pig at the Arkansas State Fair last year. He weighs 500 pounds and is priced for quick sale. W. Arthur Jones, Paragould, Ark.

Poland China hogs for sale. Fall litters, boars and sows ready to breed; also spring pigs. I have had this herd for seven years. My first sire was Big Fred 110659; first dam Defender Equal 6th 321492 by Miss Burks No. 290200. These hogs are the right kind. Write Luke G. Hall, Ashflat, Ark.

One 18 month old Big Bone Poland China sow. Sired by Liberator by Clansman. This sow will weigh 450 pounds and is bred to a boar by the Clansman. Bruce Veazey, Dardanelle, Ark.

Sheep

O. D. Harwood, Menifee, Ark., has 19 ewes, three bucks and 16 lambs for sale.

W. E. Miller, Gurdon, Ark., has a surplus of good grade Hampshire sheep for sale.

J. I. Allman, 202 Curl St., Hot Springs, Ark., wants to get in touch with Arkansas breeders who sell purebred sheep.

One hundred sheep for sale cheap. One-half and three-quarter Southdown breeding. W. A. Barnett, Romance, Ark.

Registered Shropshire ram three years old for sale or exchange. Joe A. Jackson, Jasper, Ark.

Goats

One Saneen and Toggenberg Milch Goat, 18 months old; never been milked, but has a very large and promising milk sack; will freshen soon. Price \$15 crated f. o. b. One Milch Goat now fresh for \$10. D. R. Forbes, Hackett, Ark.

Horses and Mules

J. F. Barbee, Monticello, Ark., has for sale three jacks, five jennets and three Shetland ponies.

For Sale—Poultry

Barred Rock eggs 50 cents per setting; \$2.50 for 30 eggs; \$7.50 for 100 eggs, postage prepaid to third zone. Mrs. Van De Mark, R. 5, Lamar, Mo.

Rose Comb Ancona eggs; Sheppard's strain. For egg production they are unexcelled and are the most beautiful fowl in the world. Write Ridgeway Farm, Van Buren, Ark.

Barred Rock eggs for hatching \$1.50 for 15 eggs, postage paid. Mrs. Rose Whitney, R. 1, Garfield, Ark.

Single Comb Rhode Island eggs \$2 for 15; \$7 per 100. The best birds for size, color and laying. Mrs. K. Edison, Springdale, Ark.

Eggs from blue ribbon Barred Rocks at \$1 per setting of 15, postage prepaid. Mrs. G. W. Williams, Quitman, Ark.

Single Comb Brown Leghorn eggs 15 for \$1. One hundred and one eggs from 112 hens in one day. Clarence Young, R. 1, Waldron, Ark.

Pure S. C. Rhode Island Reds good laying strain; eggs \$1.25 per 15. Mrs. E. A. Barton, R. 3, Paragould, Ark.

Eggs for hatching from prize winners Silver Spangled Hamburgs and Single Comb Brown Leghorns; 15 eggs postage paid \$1.25. Satisfaction guaranteed. W. F. Sudmeyer, London, Ark.

Single Comb Brown Leghorn eggs for hatching from free range farm flock that has been improved by selection for five years. 15 eggs \$1.50. Mrs. J. M. Stevens, Green Forest, Ark.

Single Comb R. I. Red baby chicks 25c each. 15 eggs \$2.50; 30 eggs \$3.50. I have the famous breed of the south, Airhart's strain. C. W. Mason, Box 316, Waldron, Ark.

White African guinea males \$1.50 each. Miss B. Butts, Barton, Ark.

Pure White Emden geese \$6.00 per pair. Rouen Ducks \$2 each. Rouen duck eggs \$2 for 12. Pure bred white African guineas \$3 per pair. Mrs. L. E. King, Lock Box 482, Corning, Ark.

Pure Single Comb Rhode Island eggs for hatching \$1 per 15. L. J. Fry, R. 1, Springdale, Ark.

Ancona eggs \$1.50 per 15. Please send cash with order. D. R. Forbes, Hackett, Ark.

Allen's Active Anconas S. C. Purebred winning Anconas in winter egg-laying contest 1920-21. Eggs 15 \$1.50, \$4 per 50, \$7 per 100. First pen, \$3 per 15, fertility guaranteed. Mrs. Avery Allen, Macon, Mo.

S. C. White English Leghorn eggs—317 egg strain of certified chickens; fresh fertile eggs \$5 per 100. A few settings Rose Comb White Wyandotte eggs \$2 per 15. Mrs. M. L. Smith, Perry, Mo., R. F. D. 2.

Eggs from Aldrich-Morris strain purebred White Orpington pen \$2.50 per 15; range flock \$1.50 per 15, \$8 per 100 prepaid. Chas. B. Rice, Wilhelmina, Mo.

One Poland-China male hog registered of Giant Buster blood from litter of 11. Rose Comb Brown Leghorn eggs from choice pen, \$3 for 30 eggs. Mrs. M. L. Smith, Perry, Mo., R. F. D. 2.

Seeds and Plants for Sale.

Bunch velvet beans for seed purposes \$2 per bushel; soy beans \$12.50 per bushel; chufas \$5 per bushel. All prices f. o. b. my station, cash with order. N. T. Beasley, Kite, Ga.

Thirty-five bushels of fancy cane seed \$1.25 per bushel. W. A. Van De Mark, R. 5, Lamar, Mo.

Hubam white sweet clover seed 70 cents per pound in ten pound lots; certified. Albert E. Day, R. 1, Newton, O.

Watermelon seed; Tom Watson, Cuban Queen and Mountain Sweets, quarter pound, 30 cents, pound 60 cents. Ninety day velvet beans \$1.50 per bushel; Mammoth soy beans \$2.75 per bushel; lespedeza seed \$2 per bushel. Lilyland Farms, Starkville, Miss.

Meade cotton seed for planting \$2 per bushel. Mrs. L. J. Brunson, Alma, Ark.

Dahlias Mixed colors \$1 per doz. Mrs. N. G. White, Belleville, Ark.

Erlania Tomato Plants 50 cents per hundred, postage paid. A. J. Dautervie, Breau Bridge, La.

Certified Nancy Hall Sweet potato plants \$2.50 per 1,000. Write for prices on order of 10,000 or more. F. A. Hamilton, Lowell, Ark.

Nancy Hall Sweet Potato Plants—Certified by the State Plant Board. Seed grows from vine cuttings. Free from black rot and bicloride treated. Price \$1.50 per thousand in lots of 10 thousand or more. Order at once. Earl Kilpatrick, Marianna, Ark.

Nancy Hall Sweet Potato Plants—Bicloride treated for black rot. Choice seed used. Price \$1.50 per thousand. E. B. Whitaker, Marianna, Ark.

Peanuts, white Spanish variety, re-cleaned and graded, \$1.25 per bushel of 26 lbs., f. o. b. Charles Lemhart, R. 3, Conway, Ark.

For sale by Riverside Plant Company. North Little Rock, Ark., sweet potato plants grown from treated seed. Nancy Hall and Porto Rica varieties; \$1.75 per thousand, f. o. b. North Little Rock.

For sale by Saxon Plant Company, North Little Rock, Ark., certified sweet potato plants, Nancy Hall and Porto Rica varieties, \$2.50 per thousand, large quantities \$2.00 per thousand.

Cow Peas, Whippoorwill and Clays and mixed peas at \$2 f. o. b. Delivered prices quoted and samples sent to interested parties. Cleveland Henderson, Linden, Texas.

Nancy Hall sweet potatoe plants for sale, \$1.50 per 1,000, postpaid. G. J. Coffey, R. 1, Belleville, Ark.

Wanted—Pigeons, and bred Berkshire gilt. L. W. Forbes, Hackett, Ark.

Wanted to buy Mammoth yellow soy beans from Arkansas growers. G. W. Harris, Bellefonte, Ark.

Wanted—Two bushels of early velvet beans. Please quote price on variety that will mature in Arkansas. J. A. Lee, Banks, Ark.

For Sale or Trade. Miscellaneous

One engine power cane mill. One seven horse power kerosene engine. W. A. Wright, R. 2, Amity, Ark.

Must sell good 12-24 La Crosse tractor with gang, \$575. H. A. Bruce, Success, Ark.

Saw mill, shingle mill, planer. Easy terms. H. A. Bruce, Success, Ark.

Blacksmith shop and tools; Fairbanks Morse engine, grist mill, one acre lot; three room house and one two room house. This is a good stand for a garage. Priced right. R. L. Tice, Solgohachia, Ark.

Wanted to rent or buy a small orchard; elevation 800 feet. Write I. M. Hawkins, R. 2, Rosewell, N. Mex.

Will exchange rebuilt auto tires of all sizes for cowpeas or soy beans. Tires subject to inspection. W. A. Willard, Bentonville, Ark.

Will sell or exchange one family size knitting machine complete with five pounds of wool. Also three year knitting contract with reliable firm. Present owner wants to sell because he is unable to handle proposition. R. M. Sanders, R. 3, Piggott, Ark.

Three Banded Italian Bees, in 21b Packages with untested queen for \$4.95; 31bs, \$6.95. Tested Italian Queens by mail at \$1.75 each. Two frame nuclei with untested queen, \$4.95; 8 frame Colony with queen, \$9. Let me book your order now and ship when you need them. I will guarantee the bees to reach you in good condition. Order from C. H. Cobb, Belleville, Ark.

April Prices of Farm Products Sold by Producers in Arkansas

Hogs live wt., per 100 lbs.	\$ 5.80
Beef cattle live wt., per 100 lbs.	3.75
Veal calves live wt., per 100 lbs.	5.60
Sheep live wt., per 100 lbs.	4.60
Lambs live wt., per 100 lbs.	6.60
Milch cows, per head	34.50
Horses, per head	65.00
Milk, whole, wholesale, per gal.	.40
Milk, whole, retail, per gal.	.42
Wool, unwashed, per lb.	.17
Wool, washed, per lb.	.23
Peanuts, per lb.	.06
Beans, dry, per bu. of 60 lbs.	4.10
Sweet potatoes, per bu. of 55 lbs	1.05
Cabbages, per 100 lbs.	4.40
Onions, per bu. of 57 lbs.	4.30
Timothy hay, loose, per ton of 2,000 lbs.	17.00
Clover hay, loose, per ton of 2,000 lbs.	16.25
Alfalfa hay, loose, per ton of 2,000 lbs.	19.50
Prairie hay, loose, per ton of 2,000 lbs.	12.50
Clover seed, red, bu. of 60 lbs.	13.30
Cotton seed, ton of 2,000 lbs.	35.60
Tobacco, per lb.	.33
Eggs, per doz.	.16
Chickens, live wt., per lb.	.16½
Cowpeas, per bu.	1.75
Kafir corn, per bu. of 56 lbs.	1.70
Cream, per lb. of butter fat.	.32

Prices of Products Bought By Farmers.

Clover seed, red, bu. of 60 lbs.	\$16.10
Timothy seed, bu. of 45 lbs.	5.90
Alfalfa seed, bu. of 60 lbs.	14.00
Bran, per ton.	31.25
Cottonseed meal, per ton.	47.50
Cottonseed hulls, per ton.	14.00

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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Vol. 4. No. 6

LITTLE ROCK, ARKANSAS

JUN 24 1922

Cantaloupe Shipments From Arkansas Probably Cut to Twelve Hundred Cars by Excessive Spring Rains

Estimates based on the latest information obtainable places the area planted to commercial cantaloupes at 7,600 acres which is 800 acres short of the expectation of one month ago, this reduction in acreage being due to the excessive rains during April and the first of May, which has necessitated much replanting and caused some land to be abandoned.

The commercial crop of cantaloupes which is forecasted at around 1200 cars, is grown in Clark, Hempstead, Howard, Nevada, Little River, Miller, Sevier, Crawford, Craighead and Mississippi counties.

There are reports of poor stands in Clark county and considerable insect damage in Hempstead county. The most favorable reports are from Sevier county.

Pollock 10-25 is the favorite variety.

Shipping will start about July 1 at Texarkana and at the more northern points from the 5th to the 20th.

Reports from sales managers indicate that the carload shipments from the state will aggregate 1270 cars. In 1921 the total shipments from 10,200 acres was 1596 cars. On the basis of last year's yield the present acreage would run about 1170 cars, exclusive of express shipments. The prospects therefore are for approximately three-fourths of last year's production. Following are forecasts from the various counties:

Clark County.

Gurdon—55 acres; Chas. F. Dillard and Claude Marsh, salesmen; variety, Rocky Ford; 12 cars; July 15.
Amity—60 acres.
Arkadelphia—150 acres; 25 cars.
Whelen Springs—5 acres.
Delight—50 acres; 5 cars.

Hempstead County.

Hope—300 acres; A. C. Monts and C. S. Lowthorp, salesmen; 35 cars.
Tokio—100 acres; W. L. Stewart, salesman; variety, Pollock 10-25; 20 cars; July 8.
Blevins—200 acres; H. M. Stevens, salesman; variety, Pollock 10-25; 50 cars; July 10.

Dotson—200 acres; E. A. Long and B. B. Stephens; variety, Pollock 10-25; 60 cars; July 10.

Dunlap—175 acres; R. W. Bonds, salesman; variety, Pollock 10-25; 40 cars; July 10.

Deaneville — 300 acres; H. C.



Properly Packed Crates of Pollock 10-25 Cantaloupes

Bonds and W. T. Yarberry, salesmen; variety, Pollock 10-25; 50 cars; July 10.

Shady Grove—50 acres; Will Roe, salesman; variety, Pollock 10-25; 15 cars; July 10.

Arcadia—150 acres; B. F. Ward, salesman; variety, Pollock 10-25; 25 cars; July 10.

Belton—300 acres; H. M. Stephens, salesman; variety, Pollock 10-25; 30 cars; July 12.

McCaskill—300 acres; Bert Scott, salesman; variety, Pollock 10-25; 70 cars; July 12.

Woodson—75 acres; Bert Scott, salesman; variety, Pollock 10-25; 12 cars; July 12.

Ozan—100 acres; 6 cars.
Washington—150 acres; 25 cars.
Patmos—60 acres.

Howard County.

Nashville—250 acres; J. W. C. Bell, Jr., salesman; variety, Pollock, 10-25; 45 cars; July 10.

Nevada County.

Emmet—100 acres; E. T. Toland, salesman; variety, Pollock 10-25; 18 cars; July 20.

Little River County.

Foreman—20 acres.
Winthrop—150 acres; John Hicks, salesman; 30 cars; July 5.

Miller County.

Texarkana — 125 acres; Fruit & Truck Growers Association, salesmen; 20 cars; July 5.

Sevier County.

De Queen—300 acres; J. L. Cannon and Glen F. Wallace, salesmen; 50 cars; July 6.

Horatio—1500 acres; H. C. Pride, L. O. Shull and Glen F. Wallace, salesmen; variety, Rocky Ford; 300 cars; July 5.

Lockesburg — 425 acres; T. W. Parke, Glen F. Wallace, salesmen; 70 cars.

Polk County.

Cove—25 acres.
Gillham—75 acres; 10 cars.
Hatfield—75 acres; Glen F. Wallace, salesman; variety, Pollock 10-25; 5 cars; July 20.
Mena—50 acres; Glen F. Wallace, salesman; variety, Pollock 10-25; 2 cars; July 20.
Vandervoort—20 acres.
Wickes—50 acres; 5 cars.

Crawford County.

Mulberry—15 acres; T. P. Shipley, salesman; variety, Rocky Ford; 2 cars.
Van Buren—1200 acres; H. Raouw, salesman; 150 cars.
Alma—120 acres; Cash Store, Salesmen; 20 cars.
Dyer—50 acres; T. O. Cole, salesman; 6 cars.
Rudy—100 acres; J. G. Wofford, salesman; 15 cars.

Craighead County.

Monette—75 acres; W. T. Lane, Jr., (Jonesboro) salesman; variety, Pollock 10-25; 35 cars.
Black Oak—73 acres; J. B. Cox, salesman; variety, Pollock 10-25; 30 cars.

Mississippi County.

Leachville—No report.



Crew of Cantaloupe Pickers on the Bell and Stephens Farm near Nashville, Ark.

ARKANSAS FARM AND MARKETING BULLETIN



Published Monthly By The
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange columns, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Arkansas in 1919 produced dried fruits to the amount of 3,724,000 lbs. This ranks Arkansas fourth among the states in this industry, being exceeded only by three Pacific Coast states.

State licenses had been granted up to May 22, 1922, to 64,900 automobiles and 5,900 trucks in Arkansas.

There are 71,680 miles of rural roads in Arkansas.

Arkansas this year leads all the states with 18,200 acres of strawberries. The production is estimated at 2,791 cars.

Twenty years ago a Russian by the name of Misostoff located in Arkansas since which time his relatives in the old country have not heard from him. Governor McRae has been requested to try to get word to him that it is important that he should communicate with his nephew, Bekovilch Tcherkasky, care S. Marakeuff, Hotel Beranek, Praha, Czechoslovakia.

The new crop of hay around New-ark is selling for \$15 a ton in the field, which is considered a fair price. Laborers in the hay fields are receiving \$2 per day.

Bradley county vegetable growers expect to ship four or five cars of cabbage this season.

The Knobel Fruit and Vegetable Growers' Association reports a successful season in spite of the fact that organization was not perfected as early as it should have been. The association has about 70 acres of berries. It is expected that the plantings will be increased to 100 acres next year.

At Arkadelphia the business men have organized a Chamber of Commerce with W. E. Barkman as president and E. M. Hall as secretary. The Chamber is located on Clinton street, occupies two full-size ground-floor store rooms and is probably the most complete commercial club quarters in the state. One building is occupied by the secretary and the farm demonstration agent with an assembly hall and banquet room in the rear. The other building is equipped as a rest room exclusively for women and is in charge of a matron and maid. Here the farmers' wives are invited to come and rest during their visits to the city. There is a parlor and library, a rest room with beds, couches and easy chairs, a nursery for the children and every convenience for the comfort and pleasure of the guest. The organization is giving valuable aid to the farmer in the marketing of crops and is making a special effort to increase interest in the dairying industry. The

farmers of Clark county should appreciate this friendliness and cooperation of the business men of this progressive city.

RICE ASSOCIATION LEASES MILLS.

The Arkansas Rice Growers' Association has closed a contract whereby two rice mills are leased at Stuttgart and one mill at DeWitt for the purpose of milling the crop for Association members during the season of 1922-23. The members of the board of directors of the Association believe that all the rice grown by farmers who belong to the organization can be handled by these mills.

WARREN BOOSTS SWEET POTATOES.

In order to popularize the sweet potato among home folks, the Warren Sweet Potato Growers' Association fostered "sweet potato week" recently. The business men of Warren cooperated with the growers and as a result 300 bushels of sweets were sold.

The Warren Association has shipped two carloads of potatoes to Pennsylvania. The potatoes were cured scientifically in a storage house owned by the Association. Every bushel of potatoes is guaranteed as to quality.

TESTING THE YIELD ON CLOSE-SPACED COTTON.

Practically all authorities who have studied close spacing of cotton plants agree that it increases the yield of lint. Any grower can test the close spacing method by observing the following suggestion as to thinning the plants to a stand.

In one plot leave the plants eight inches apart in the row; in another plot twelve inches; in another plot sixteen inches and still another plot twenty inches.

These plots may be a few rows of cotton in the main field but they should all be on uniform soil, planted at the same time and given the same kind of cultivation.

COOPERATIVE CREAMERY PLANT AT JONESBORO.

The Jonesboro Cooperative Creamery Association was formally opened for business Saturday morning. A corps of experts has been kept busy for the past two weeks installing the machinery for the plant. The first pasteurization of milk was conducted Saturday morning and the creamery's milk wagons will make their first rounds of the city Sunday morning.

Practically all the local dairymen are interested in the new project as

directors or stockholders, and in future they will deliver their milk to the creamery instead of peddling it throughout the city.

The creamery will pasteurize all milk and will manufacture creamery butter and conduct a general business in dairy products.

STANDARD PEACH GRADES MEET WITH MUCH FAVOR.

The U. S. grades for peaches recommended by the U. S. Department of Agriculture in 1921 were received with so much favor by growers' organizations, State marketing officials, and the trade generally that they have been reissued with only minor changes.

In past years peaches have been graded chiefly with regard to size, the larger sizes, of course, being the most desirable. The U. S. grades are based wholly on market quality. Under this term are included such factors as color, maturity, general appearance and freedom from insects and fungus injuries. Minimum sizes have not been specified for the various grades but the numerical count, minimum size or style of pack of the peaches must be stamped on each package. This is a well established practice in handling boxed apples and citrus fruits.

The No. 1 grade is designed to meet the normal commercial needs of the trade and consuming public by eliminating damaged stock which might cause loss in transit. It also provides that the peaches shall be of one variety, firm, mature, and well formed, and free from growth cracks, cuts, skin breaks, worm holes, and from damage caused by dirt, scab, scale, hail, disease, insects or by mechanical or other means.

The No. 2 grade includes peaches of one variety which are firm, mature, and free from worm holes or serious damage caused by disease, insects, or any other means.

A fancy No. 1 grade is also provided for those who desire to pack an especially fine product. Only peaches which are free from all damage by insects or diseases and which in addition have a special amount of red color will be packed as Fancy No. 1. The amount has been fixed at 50% for such varieties as Carman and Hiley and at 25% for Elberta and J. H. Hale and other similar varieties.

We are surprised at the valuable information Industrial Arkansas contains and the manner in which it is gotten out. You deserve the greatest credit for this book. It far surpasses anything we have seen of a like nature.—Fred I. Brown, Secretary-Treasurer, Arkansas Foundry Co., Little Rock.

MORE LETTERS COMMENDING JIM FERGUSON'S REPORTS

MINERALS IN ARKANSAS FOUND USEFUL.

Being a geologist I want to compliment you, Mr. Ferguson, on the book, Minerals in Arkansas. It is a fine piece of work and every one in your State should appreciate it.—Carl H. Auschutz, El Dorado.

It makes a person feel proud to own land in a State that is showing so much forward stride. I congratulate you on your new book, Minerals and Arkansas.—G. E. Hoffman, 319 Main St., Peoria, Ill.

Your Minerals in Arkansas is intensely interesting. It contains data valuable to any individual seeking information concerning Arkansas.—Walter L. Hensley, Boatmen's Bank Bldg., St. Louis, Mo.

We do not believe there is a Southern State that has so intelligently approached the problem of land development as you have in Arkansas.—Long-Bell Farm Land Corp., Kansas City, Mo.

I received the book, Minerals in Arkansas. I must say it is fine. I

had no idea that Arkansas had so many wonderful things. John B. Son-tag, 164 Glendale Blvd., Los Angeles, Calif.

Just received a copy of Minerals in Arkansas. We feel that it is altogether the best thing in its class we have seen. It is very broad on the subject discussed and at the same time is concise and detailed enough. Also it has statistics enough to provide the information that almost anyone might wish to have regarding the minerals in Arkansas.—Doane Consulting Service, Poplar, Bluff, Mo.

I wish to thank you for the splendid pamphlet, Minerals in Arkansas. The excellence of this publication makes me desire to have others issued from your department.—C. H. Gordon, Department of Geology, University of Tennessee.

This little book will be very useful to us in connection with our work in your State, and I congratulate you on its appearance.—Wallace E. Pratt, Chief Geologist, Humble Oil & Refining Co., Houston, Texas.

We find that Minerals in Arkansas is a very comprehensive outline of the mineral resources of the wonderful State of Arkansas.—J. P. McDonald, Proctor & Gamble Distributing Co., Memphis, Tenn.

COMMENT ON GRAPHIC CHART AND MAP.

We have before us a Graphic Chart of the State of Arkansas, prepared by your department. This chart unfolds a considerable amount of information not otherwise obtainable in such concise form. We represent a very large clientele of investors who are annually placing large sums of money in the State, and we are anxious to forward this chart to them so they may see the wonderful strides of progress made in the last ten years in Arkansas.—Geo. N. Bickner, Maxwell Investment Co., Memphis, Tenn.

We wish to compliment you on the Graphic Chart. It is one of the best things of its kind the writer has ever seen. It tells the story in such an impressive way.—W. H. Johnson, Vice

President, Merchants National Bank, Fort Smith, Ark.

Please send me, for class room use, a copy of the Graphic Chart of Arkansas. Would like to use it for the development of Arkansas project work.—Wilda M. Kellogg, Principal Grammar School, Earle.

I think this map is the most complete work of its kind ever issued by the State, and you are certainly to be commended for presenting so much information and so many facts in such an attractive way.—H. C. Couch, Pine Bluff.

The map will be invaluable to us in our general science work. Would it be possible for me to obtain a second copy?—Mildred L. Wickes, head Department of Science, Pathe Schools, Ft. Smith.

Your map is the best thing of the kind I have seen. As a native of Arkansas I am delighted to see your department making itself so useful in attracting the right kind of immigration.—LeRoy Thompson, Pastor, Presbyterian Church, Alva, Okla.

FARMS FOR SALE

Forty Acre Farm twelve miles from Mena, four miles from Potter; ten acres in cultivation, rest in pine and oak timber; plenty of running water; cattle range; new house and barn; small store building. Will trade for town property. T. D. Penn, Potter, Ark.

One Hundred Sixty Acres of Fertile Land—25 acres in cultivation all bottom; good wire fence, some rails; two good springs; six room house; small barn; smokehouse and cellar; family orchard and garden; daily mail; hickory and oak timber; \$3,000 for quick sale. T. C. Spoon, Holt, Ark.

About One Hundred Fifty Acres—75 acres in cultivation; fenced and cross-fenced with woven wire and barb wire. Ten acres in clover and alfalfa; eight acres in orchard grass; fruit for family; six room house; small barn and hen house; near school; price right. S. P. Stamphill, Alpena Pass, Ark.

Nevada County Farm—45 acres of good land; 25 acres in cultivation; telephone and daily mail. S. L. Moody, R. 6, Prescott, Ark.

Union County Farm of 500 Acres—300 acres fenced; plenty of timber; lots of water; houses; two public roads; near railroad station; six miles east of El Dorado oil field. Owner will sell all or a part. T. J. McGough, Lawson, Ark.

Lincoln County Farm—158 acres four miles west of Star City, the county seat; thirty acres in cultivation, good pasture and good orchard; five room house; fine place for livestock. J. V. Linzey, Palmyra, Ark.

One Hundred Sixty Acres—50 acres in cultivation; 70 acres fenced; plenty of good timber; two houses; two small barns and other buildings; near church, school and store. Price \$12.50 per acre. V. O. Pernell, Rest, Ark.

Madison County Farm—277½ acres, about 80 acres in cultivation, balance in timber. Two miles from railroad town. Will sell all or a part of the land. T. S. Williams, Dutton, Ark.

Three Hundred Twenty Acres—in Madison County; 40 acres in cultivation, eight acres in alfalfa; 500,000 feet of saw timber. Good buildings; family orchard; price \$3,000, one third cash, two years on balance. Fred Southerland, Chaplin, Ark.

Randolph County Farm—240 acres all fenced with wire; two sets of buildings; plenty of water; alfalfa, corn and other grain thrives on the land; 90 acres in cultivation; two miles from county seat. Write A. B. Gussom, Pocahontas, Ark.

Van Buren County Farm—87 acres; 40 acres in cultivation; good house and barn, other outbuildings; good pastures with spring water; orchard with all kinds of fruit; good timber; price \$1200; terms or discount for cash. Geo. F. White, R. 2, Bee Branch, Ark.

An Ideal Stock Ranch—300 acres, 100 acres creek bottom in cultivation. Two sets of buildings; good water; free range; ideal place for sheep, goats, hogs and cattle; price \$4,500; terms half cash and the balance on time. C. R. Chase, Rushing, Ark.

Farm in Franklin County—50 acres, 30 acres in cultivation, creek bottom land; school and church nearby; telephone and rural route; four room house and out buildings; family orchard; price \$2,000. J. J. Brooks, Ozark, Ark.

Fruit Farm Near Ozark—123 acres, 35 acres in cultivation; about 500 apple trees; eight acres in red top meadow; nine acres in red top and bermuda. Four room house; fine oak and hickory timber; price \$2,500. J. J. Brooks, Ozark, Ark.

Improved Jackson County Farm—165 acres; 40 acres in cultivation; good house and barn and out buildings; will sell tools, livestock and household goods; price \$14 per acre, cash. F. M. Ruben, Devils Knob, Ark.

Drew County Farm—Oil rights go with the farm. For price and particulars address the owner. J. F. Barbee, Monticello, Ark.

Logan County Farm—40 acres practically all cleared and fenced. Five room house, big barn; lots of pure water; good schools and churches nearby; desirable neighborhood; land is suitable for all kinds of fruits; Abbott, a strawberry center, is within hauling distance; twelve miles to Booneville, county seat; price \$1500. W. O. Springer, R. 1, Barber, Ark.

Sixty-seven Acres on South Slope—Small house, good barn; abundance of pure water; eight acres in cultivation, balance in timber. Fifteen acres more land can be cultivated; young orchard; near school, church, and post-office; price \$450. J. M. Graves, Mt. Levi, Ark.

Farm in Pope County—92 acres; 40 acres in cultivation; 65 acres fenced; young orchard; four room house, barn and smokehouse; two wells and two springs furnish all the pure water needed; free range; good school and church; rural route and telephone; four miles to good inland town; fourteen miles to railroad; price \$12 per acre. R. E. Leavell, Dover, Ark.

Farm in Faulkner County—for the man who wants a home. 160 acres; 65 acres in cultivation; 25 acres rich land and 25 more acres can be put in orchards and small fruits; balance suitable for pastures. Six miles to Conway; price \$10 per acre, one-half cash and the balance in ten years. G. L. Burke, Conway, Ark.

Wanted to Exchange—Pine Bluff residence property for improved farm land in St. Francis or Cross county. Must be near county seat and above overflow. A. R. Bowyer, 1616 West 7th St., Pine Bluff, Ark.

One Hundred Sixty Acres of mountain land near Jefferson Highway; two miles to railroad and postoffice; 30 acres fenced; four room house; good barn; fine land for fruits and vegetables; good mineral prospects. Because of poor health, the owner will sell or trade; price \$12 per acre. A. T. Smith, Vandervoort, Ark.

Van Buren County Farm—158 acres; 100 acres fenced with wire; 80 acres cleared; balance in timber. Good house and barn; spring and well water; nearly all level; six miles to railroad town; price \$2000. T. R. Reaves, Shirley, Ark.

Lonoke County Fruit and Poultry Farm—20 acres in cultivation, eight acres in good timber; all woven wire fenced; three room house and good out buildings; good well water; bermuda calf pasture; 140 bearing peach, apple, pear, plum, cherry, fig and mulberry; 428 young peach, apple, cherry, plum and English walnut; good vineyard; one mile from church and school; four miles from railroad; sandy alluvial soil. J. H. Brewer, R. 1, Cabot, Ark.

Benton County Land—80 acres of timber land, \$40 per acre; good ground for fruit and berries and easily cleared; all fenced with woven wire; located five and a half miles northeast of Gentry and four and a half miles southeast of Decatur. R. V. Cheney, Gentry, Ark.

Farm in Northwest Arkansas—240 acres; 100 acres in cultivation, balance in good timber; fine fruit soil; plenty of spring water. Five miles to railroad, one mile to school and church. For quick sale will take \$15 per acre. Geo. W. Vanzandt, Garfield, Ark.

Sharp County Farm—Will sell or trade; 160 acres: 40 acres cleared; 15 acres in Elbertas, trees loaded with peaches; apples, cherries and berries. Four room house, barn and other outbuildings; fine farm for fruit and dairy; bargain. W. H. Porter, Hardy, Ark.

Stock Farm of 280 Acres—50 acres in cultivation; two sets of buildings and lots of water; fine pasture for

livestock; good timber; school and churches near.—W. F. Colvin, Chocataw, Ark.

Benton County Farm—80 acres in cultivation; 22 acres in meadow; four room house, two barns; family orchard of apples, peaches, cherries and berries. Write for price and terms. P. T. Davidson, Star Route, Rogers, Ark.

An Ozark Farm of 160 Acres—40 acres in cultivation, 40 acres more land cleared and fenced; good for hogs and cattle; price \$3000. J. T. Cooper, Yardell, Ark.

Farm in Sharp County—200 acres, well located, some improvements; good location for fruit and dairying; lots of pure water; price \$6000; terms. S. H. McFarland, Ash Flat, Ark.

Newton County Land—240 acres near Jasper, all or a part for \$7 per acre. Cash or terms. W. H. Watkins, 1504 5th St., Berkeley, Calif.

Cleburne County Farm—80 acres; 55 acres in cultivation; four room house; well and spring water; good orchard. J. K. Stark, Shiloh, Ark.

One Hundred Sixty Acres in Cleburne County; 40 acres in cultivation, balance in timber and grass. Land lays well with little waste soil; young orchard; four room house. W. J. Stark, Shiloh, Ark.

Twenty Acres in Montgomery County—Also a grist mill operated by water power; terms reasonable. S. E. Sloan, Womble, Ark.

Homeseekers Who Want to Buy Arkansas Farms

L. F. Furlow, Box 73, East Vaughn, New Mex., is planning a trip to this State and wishes all information possible.

H. C. Brown, 320 Eleventh St., Toledo, Ohio, wants an improved cotton and hay farm, also stock and tools with it.

Clark Wright, Gonzalez, Florida, writes for information about Arkansas.

Louis Taubman, Cedar Wood, Colo., wants a farm suitable for berries and poultry.

Fred Clauson, New Lisbon, Wis., writes for information about Arkansas.

D. L. Burke, 507 Tenth St., Columbus, Ga., wants a good farm for raising wheat, corn, oats and fruits.

Abraham Daytz, 14 Macoma St., Roxbury, Mass., seeks information about the State.

Phillip Cooperman, 7832 Burnham Ave., Chicago, Ill., writes for information about the rice growing section.

C. A. Devins, Glade Park, Colo., wants to locate in Northwest Arkansas.

Geo. L. Lindsley, Rockwood, Tenn., wants information about Jackson county for farming.

M. J. Carrier, 1532 N. Tenth St., is interested in fruit growing and asks about homestead land.

Burnice Parfrey, Otis, Colo., wants timber land and homestead land.

L. J. Aarhun, Walnut Grove, Minn., wants a farm in Arkansas.

C. R. Miller, Circle, Mont., wants 40 acres of improved or cut-over land for fruit and poultry raising.

E. Todd, Bainbridge, Ind., would like to trade 160 acres in South Dakota for land in Northwest Arkansas.

A. A. Sanders, Route 1, Lyman, Miss., asks about Baxter county and wants land for poultry and fruit raising.

Frank J. Patterson, Waverly, Iowa, wants homestead land.

Miss Della Ward, Neola, Iowa, wants homestead land.

A. Brubaker, Reist Alberts, Canada, wants to buy a farm in Arkansas.

M. Clark, 1470 Wesley Ave., St. Paul, Minn., desires a farm in Ozark Mountains.

Sebastian County Farm—28½ acres four miles south of Ft. Smith, Ark., on Texas road. Close to good school and church; half mile from Ft. Smith street car line. Four hundred fruit trees, acre of grapes, acre of berries; \$6,500. Arnes Oldham, R. 3, Box 119A, Ft. Smith, Ark.

Several Lots at Siloam Springs—In college addition; well located in this delightful resort city of the Ozarks. Reason for selling am a non-resident. Mrs. Harriet A. Brainerd, Haddam, Conn.

Forty Acres Unimproved—Three miles of Pangburn; 25 acres branch bottom; first class Aroma strawberry land; price \$425; also

Forty Acres, Four Room House, barn, young fruit trees, 20 acres in cultivation, level land, fine range; a real dairy farm; bargain at \$1400; five miles from Pangburn. B. G. Shelton, Pangburn, Ark.

Farm in Grant County—80 acres well improved, four room cottage painted, two tenant houses, four wells, storehouse, two barns, houses for 500 hens, family orchard, tame berries; no hills, rocks or swamps; near Sheridan College and high school; \$40 per acre, half cash, balance on terms for quick sale; will include teams, tools, etc. Reason for selling, age. T. A. Hopper, Sheridan, Ark.

Land Containing Deposits of Agricultural Marl—Suitable for fertilizer, on bluff of Little Red river, adjacent to railroad; need somebody with capital to aid in development. H. N. Rumley, Rumley, Ark.

J. Paul White, Kensett, Ark., wants a farm for poultry raising and dairying.

J. K. Gibson, Sioux Falls, S. D., wants land for general farming.

W. S. McNall, 247 No. Santa Fe, Salina, Kansas, wants undeveloped timber on prairie land.

Lester Hunt, Regina, Sask. Canada, and Wm. H. Hunt, R. F. D., Freeport, Fla., want farms in Arkansas.

J. E. Smith, Rt. 4, Hoopeston, Ill., writes about farm land in the State.

Wm. Krall, Crawfordsvile, Ore., wants an improved farm of 40 or 80 acres for general farming.

Chas. H. Aurand, 113 Somerset Ave., Battle Creek, Mich., is interested in farm land near DeQueen.

A. E. Spencer, Dunlap, Kans., wants land for general farming.

C. S. Bailey, Box 233, Alba, Texas, wants to buy a home in the north-central part of the State near a good school needing an experienced teacher.

J. K. Nicholson, Box 312, Spencer, Nebr., wants a farm in Northern Arkansas.

J. H. Dehner, 227½ No. Main St., Jacksonville, Ill., wants to buy farm land in the State.

A. Elmer, 1458 Emmet St., Omaha, Nebr., wants 50 to 60 acres of farm land for general farming in White County.

A request for land in Van Buren County for general farming comes from Emil Kuhwede, Chester, Ark.

Frank Parker, Carlton, Okla., wants to buy a farm in the State.

Wayne E. Douglas, 7832 Stewart Ave., Chicago, Ill., seeks information about government land in Arkansas.

A. A. Sanders, Landon, Miss., wants farm land in the mountainous districts of the State.

C. W. Schreiweis, R. 3, Box 149, Wichita Falls, Tex., writes about homestead land in the State and wants farm in Northern Arkansas.

Ralph Leeper, Waterloo, Iowa, 1006 Sycamore St., writes for information about Arkansas.

James Myers, 4848 64 St., S. E. Portland, Ore., seeks a desirable location.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle

A fine Holstein bull, registered, to sell or exchange for another good bull of the same breed. This animal is three years old and weighs about 1,400 pounds. M. A. Dartt, Nimmons, Ark.

Pure bred Holstein bulls, some ready for service. All bulls are in good condition. Get my prices before you buy elsewhere. W. W. Stewart, R. 4, Booneville, Ark.

Two-year-old Hereford bull, \$50; one-year-old bulls, \$25. Also a good jack and mule for sale at a reasonable price. John M. Smith, R. 2, Heber Springs, Ark.

Fifteen head of registered Shorthorn cattle for sale at a sacrifice price. E. D. Harris, Fordyce, Ark.

Howard Gray, Lamar, Ark., has a mature Shorthorn bull, well bred and an excellent individual for sale.

F. Trotter, Roe, Ark., has several good young Hereford bulls for sale.

W. D. Ezell, DeWitt, Ark., wants a good Shorthorn bull of service age.

W. T. Dawson, Hunter, Ark., has a five-year-old registered Holstein bull for sale.

Barber and Daughters, Havana, Ark., want a Jersey bull calf from Register of Merit dam.

Five-year-old Jersey bull, St. Lambert breeding. A fine bull for \$150. Frank Koenig, Harrison, Ark.

Lynn Farish, Jacksonville, Ark., R. 2, wants two or three good grade Holstein cows.

Hogs

Big bone Poland China pigs for sale, \$10 to \$15 each; choice bred gilts at \$40 each. W. M. Graham, King Mills, Ark.

Poland China sow, bred to farrow July 1st; price, \$25. W. M. Boles, Kitter, Ark.

Registered Duroc gilts, four to five months old, sired by Wonder Boy 17th. Priced for quick sale. Forest Oak Stock Farm, Alma, Ark.

Big-boned Poland China sows, sired by best boars; fine bunch of March pigs priced to sell. W. S. Millett, R. 1, Everton, Ark.

Will sell or exchange registered Poland China big type boar, a grandson of Caldwell's Big Bob; price, \$50. John Carlson, R. 3, Booneville, Ark.

Big type Poland Chinas, four gilts and four boars, from the best boar in the state. Priced right. Ed Brinkman, Box 16, Harrison, Ark.

Four boars and four gilts, Poland Chinas, winners at the Boone county fair last year. Liberator and Giant Buster breeding. Frank Koenig, Harrison, Ark.

Hampshire hogs, bred tried sows, \$35 to \$45; bred gilts, \$25 to \$35; young boars, \$20. Forest P. Owens, Bingen, Ark.

Duroc-Jersey boars and gilts, five months old, \$15 and \$17 each; bred gilts, \$35; bred tried sows, \$50. L. W. Owens, R. 2, Bingen, Ark.

Big bone Poland China bred sows and gilts for sale, also pigs at farmers' prices. Address, Barbee Stock Farm, Monticello, Ark.

Young boars, weighing about 100 to 125 pounds, of Durocs, the easy fattening kind. These boars are by Cherry King Orion 26th, are good prospects; priced cheap for their quality. Vaun Myers, Gerster, Mo.

Bruce Veazy, Dardanelle, Ark., will sell a registered Poland China sow, weight 450 pounds, now bred for second litter.

Chas. E. Treece, Paragould, Ark., has a spring pig crop of about 50 purebred Poland Chinas for sale.

F. H. Switzer, Crossett, Ark., has a few weanling pigs, four months old gilts and a 10-months-old boar of the Spotted Poland China breed to sell.

G. M. Butler, Leola, Ark., has 40 Duroc-Jersey pigs for sale at \$12.50 each, registration papers furnished.

Barber & Daughters, Havana, Ark., have a number of good Duroc-Jersey pigs for sale at \$10.00 each and up.

A. C. Jorns, Carlisle, Ark., has three Duroc-Jersey boars for sale at \$20.00 each.

Crossett Hampshire Farms, Crossett, Ark., offer for sale Hampshire hogs as follows: Twenty-five bred gilts at \$50.00 each; 10 open gilts at \$40.00 each; pigs, any sex, at \$20.00 each; all immune, crated and f. o. b. Crossett.

E. S. Barrentine, Earle, Ark., wants two bred Poland China gilts.

M. A. McKinnon, Scranton, Ark., wants two bred Poland China gilts.

Will sell several more loads of feeder hogs this season. Titus & Foote, Hamburg, Ark.

Wants feeder hogs: Howard Padlack, R. 2, Darlington, Indiana, and A. F. Boswell, Levy, Ark., each wants several hundred head of hogs.

Sheep

J. E. McKell, 310 Donaghey Bldg., Little Rock, Ark., will sell three Shropshire rams, two young ones and one older one, or will be glad to exchange for a young ram which he can use in service.

Twenty head of grade sheep for sale. W. M. Boles, Kitter, Ark.

Goats

Toggenburg milk goats; some of the does giving milk; price, \$15 to \$30. T. R. Reeves, Shirley, Ark.

For Sale—Poultry

Single Comb Brown Leghorn cocks, \$1.50 each. Single Comb Brown Leghorn eggs fifty cents per setting. Mrs. D. C. Davis, R. 1, Pangburn, Ark.

Black Minorca eggs, \$1.75 per setting of 15. Good stock of Buff Orpington two years old, \$2 f. o. b. Eggs sent by parcel post. Paul Hayden's Poultry Farm, Cato, Ark.

Single Comb Rhode Island Red hatching eggs for May, June and July, from pens mated especially for strong color and type, \$2 per setting. Satisfaction guaranteed. Would like to exchange Red eggs for White Leghorn eggs; Young or Tan Brown strain preferred. Mrs. R. C. Parks, Lewisville, Ark.

Seeds and Plants for Sale.

Genuine White Spanish Peanuts, 4 1-2 cents per pound; Whippoorwills, \$2 per bushel; Blacks, Clays and Wonderful, \$2.25 per bushel; Tom Watson Watermelon seed, \$1 per pound. Forest Owens, R. 2, Bingen, Ark.

Wanted to buy Orchid flowers. E. Thompson, Thompson, Ark.

Sweet Potato plants for sale. S. Thomas, R. 2, Berryville, Ark.

Want to contract with county agents and other parties who buy bur clover seed in quantities. Will book small orders. For information write W. A. Daniels, Dermott, Ark.

Groit peas for sale. The high yielding variety, cross between Whippoorwill and New Era. Make more peas by planting Groit, \$2.25 per bushel f. o. b. S. O. Savage, Parkdale, Ark.

Nancy Hall Sweet Potato plants, \$1.50 per 1,000, postage paid. T. L. Joiner, Belleville, Ark.

Certified Nancy Hall Potato slips, prepaid, \$3.25 per 1,000. W. W. Saxton, 1701 W. Sixteenth St., North Little Rock, Ark.

Conglomeration flower seed, 10 cents per packet. Iva Vanderhill, Solo, Ark.

For Sale or Trade. Miscellaneous

Inoculation bacteria for sale, used on alfalfa and other clovers. Enough for eight acres cost \$16, will sacrifice for \$8. Sent direct from plant. V. A. Obenchain, Statehouse, Little Rock, Ark.

I am in the market for a few gums of four band Italian bees. Dr. A. B. Bishop, Ashdown, Ark.

I have secured a patent on a combination pipe and monkey wrench which I will exchange for stock, land or sell outright. Write me what you have. I am a farmer. E. F. Prather, R. 1, Dalark, Ark.

Wanted a man with a family to live in house and pick beans from July 15th until October 1st. John R. Wooten, R. 1, Decatur, Ark.

Ferrets for rats, male \$3; female, \$3.50; pair, \$6.50. Thos. L. Sellars, New London, Ohio.

Will pay cash for all kinds of nuts. Purchase by sample only. Barry Nut Co., 318 Metropolitan Bldg., Atlanta, Ga.

Homemade Sorghum syrup 'fifty cents per gallon. Buy your syrup from the man who made it. W. P. Cline, Kingston, Ark.

Aprons, neat and durable, made from the best grade of percale to fit your bust and length measure. Material furnished and aprons sent on approval; price \$2. Mrs. C. Parks, Lewisville, Ark.

Hair switches, puffs and other hair goods made from combings cheap. Write Miss Rosa Lambert, Lambert, Ark.

One No. 17 Deleval cream separator at half price; one portable 10-horse-power International engine; one ensilage cutter, same make; one 60-ton Indiana silo, all at low prices. E. D. Harris, Fordyce, Ark.

COUNTY FAIR DATES IN ARKANSAS FOR 1922 SEASON.

ARKANSAS STATE FAIR, Little Rock, Oct. 9-15, E. G. Bylander, Mgr.

Boone County Fair, Harrison, Oct. 5, 6 and 7, D. Fred Wolin, Pres.; G. R. Wycoff, Sec'y.

Calico Rock Fair, Calico Rock, Sept. 20, 21 and 22, T. D. Haile, Sec'y.

Crawford County Fair, Van Buren, third week in Oct., W. A. Bostick, Sec'y.

Fulton County Fair, Salem, Sept. 12 to 15, W. C. Pordur, Sec'y.

Independence County Fair, Batesville, Oct. 10, 11 and 12, J. P. Morrow, Sec'y.

Lee County Fair, Marianna, Oct. 12, 13 and 14, E. B. Whitaker, Sec'y.

Lincoln County Fair, Star City, date not selected, A. J. Johnson, Sec'y.

Sharp County Fair, Ash Flat, Sept. 6 to 9, J. W. Hampton, Sec'y.

Washington County Fair, Fayetteville, Sept. 26, 27, 28 and 29, Frank Barr, Sec'y.

No Fair This Year

Southeast Arkansas Fair, Monticello, Jack Curry, Sec'y.

Ashley County Fair, Hamburg, E. W. Gates, Pres.

Cleburne County Fair, Heber Springs, W. C. Johnson, Sec'y.

Greene County Fair, Paragould, Sam McHaney, Sec'y.

Ft. Smith Free Fair, Ft. Smith, Ray Gill, Sec'y.

No Response to Inquiry for Dates

Cross County Fair, Wynne, A. W. Taylor.

Hempstead County Fair, Hope, W. A. Tharp.

Johnson County Fair, Clarksville, M. Sullivan.

Phillips County Fair, Helena, Dan Cutting.

Scott County Fair, Waldron, W. E. Baker.

Allow me to congratulate you on the excellent map you are sending out. You have rendered the State a great service in this work.—J. P. Womack, Supt., Public Schools, Jonesboro.

THE CREAMERY INDUSTRY AT GREENWOOD IS GROWING.

Farmers around Greenwood in Sebastian county ship 2700 pounds of cream per week. Dairying in this county is being given a decided impetus through the efforts of J. H. Gayer, county agricultural agent, who is a firm supporter of the dairy cow.

Through Mr. Gayer's efforts a club of dairy farmers has been formed which will keep records on the cow owned. The cows will be tested once each month and by next fall the farmers expect to know just how much it costs them to produce the butter fat.

Farmers in the Greenwood section have also organized a bull association and are procuring good bulls from high-producing ancestors to build up the production in herds here. It is planned to ship in a carload of registered dairy heifers this fall.

The combined length of the paved highways in Phillips county is more than 115 miles. These arteries connecting with road systems of such scope as the Bankhead, Arkansas Louisiana and others are: the Helena Ferguson highway, constructed of concrete with a total length of 6 miles; the West Helena-Marvell road with rolled stone base and warrent surface, 34 miles long, and extending from this latter and beginning at Marvell are the branches to Blackton and Turner. In addition to the 11 miles of solidly paved highways Phillips county has a system of more than 400 miles of well conditioned dirt roads.

The Egg Circle at Perkins ship over 300 dozen eggs per week for its members who are striving to maintain a high class product by caring for and packing their eggs to insure good quality and safe delivery to the buyers. More egg circles are needed in Arkansas to solve the problem of profitably marketing eggs during the summer months.

One fertilizer dealer in Faulkner county reports that he has sold ten car loads of fertilizer this year to his farmer customers for cash.

The Farmers' Union at Greenbrier designated May 13 as Rat Killing Day. All the members were asked to devote the day to swatting the dirt rat which is a destroyer of food and carrier of disease germs.

MAY PRICES OF FARM PRODUCTS SOLD BY PRODUCERS.

Hogs live wt., per 100 lbs.	\$ 7.0
Beef cattle live wt., per 100 lbs.	3.8
Veal calves live wt., per 100 lbs.	5.7
Sheep live wt., per 100 lbs.	4.7
Lambs live wt., per 100 lbs.	6.6
Milch cows, per head.	34.3
Horses, per head.	65.8
Milk, whole, wholesale, per gal.	.3
Milk, whole, retail, per gal.	.3
Wool, unwashed, per lb.	.2
Wool, washed, per pound.	.2
Peanuts, per lb.	.06
Beans, dry, per bu. of 60 lbs.	4.7
Sweet potatoes, per bu. of 55 lbs.	1.0
Cabbages, per 100 lbs.	3.8
Onions, per bu. of 57 lbs.	3.1
Timothy hay, loose, per ton of 2,000 lbs.	17.0
Clover hay, loose, per ton of 2,000 lbs.	17.5
Alfalfa hay, loose, per ton of 2,000 lbs.	19.5
Prairie hay, loose, per ton of 2,000	11.7
Cotton seed, ton of 2,000 lbs.	38.0
Eggs, per doz.	.1
Chickens, live wt., per lb.	.1
Cowpeas, per bu.	1.8
Cream, per lb. of butter fat.	.3

Prices of Products Bought By Farmers.

Clover seed, red, bu. of 60 lbs.	\$17.1
Timothy seed, bu. of 45 lbs.	6.8
Alfalfa seed, bu. of 40 lbs.	14.8
Bran, per ton	30.8
Cottonseed meal, per ton	50.0
Cottonseed hulls, per ton	16.0

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4. No. 7

LITTLE ROCK, ARKANSAS

July, 1922

Fruit and Truck Growers Have Greivous Complaint Against High Railroad Rates and Unfair Middlemen

SUPPLY and demand are, presumably, the primary factors in regulating the price of farm products, but there are extraneous influences which have important bearing upon the distribution and purchase of foodstuffs and we are sometimes confronted with the anomalous situation of crops rotting in the fields in one section because of a lack of market, while in other sections people are actually in want for these crops because there is no supply, indicating that the supply and demand machine is not running smoothly.

There is no excuse for a farmer in Hempstead County having to take \$45.74 net for a carload of cantaloupes when a half portion of melon is sold at the restaurants in Little Rock for 20 cents. Something is radically wrong when the strawberry shippers at McRae get only \$46.75 net for a car of the best fruit that ever went out of Arkansas, and at a time when berries are selling in the home market at 10 cents and 15 cents a box.

Maybe the high railroad rates are to blame. We know that the growers made very little profit under the normal rates in effect before the war and with a 25 per cent increase in June, 1918, and a 35 per cent increase in August, 1920, (both being inaugurated on the eve or in the midst of the crop movement from Arkansas,) they have seen all their profits disappear and the industry threatened with extermination. We know that the truck growers and fruit raisers have taken these matters up with the railroad and the rate regulating bodies; have shown them their bills for labor, fertilizer, crates and other expenses and made it plain that they could not raise berries and melons and peaches and apples if they have to pay \$417.60 per car freight to Chicago, and we know that all the relief that has been obtained is a 10 per cent reduction, still leaving the rate more than 60 per cent higher than it was in the spring of 1918, but with these facts in mind and with the feeling that the railroads are doing the growers a deep injustice we believe that the greatest wrong is being committed by the middlemen—those who take the big part of the difference between the price the growers get and the price the consumer has to pay.

Railroads supposably are interested in the preservation of the producing industries along their lines, whether it be a factory or a melon patch, and it does not seem that they would intentionally destroy an industry that is making tonnage for them. But the Commission men who rob the farmer by dishonest methods or who manipulate the market so as to prevent his getting a fair profit, is not interested in the prosperity of the grower and does not care whether his industry lives or dies. Neither is there patriotism in the heart of the restaurant keeper who buys a crate of 24 melons for a dollar and sells them for 40 cent a piece. These fellows are just natural born sharpers and there ought to be a federal law to reach them and there ought to be a public sentiment that would prevent the consumer being thus imposed upon.

There is a crying need for the Interstate Commerce Commission to give the growers of Arkansas relief by a substantial reduction in freight rates. The 10 per cent cut—around \$40 a car—doesn't pay for the packing. The wheat growers were given



Beginning of the Peach Harvest in the Biggest Orchard in the World, at Highland, Arkansas.

an 18 per cent reduction, a clear discrimination against the Southern grower.

We don't know why the northern farmer should have a lower rate than the southern farmer, but we know that the north-bound rates are materially higher than the south-bound rates. We know that we can get a cheaper inter-state rate on apples from other states than the intra-state rate from our own orchards in Arkansas. This is all discrimination, unfair to the grower and unfair to the consumer. It helps only the railroads and the middlemen. There is no argument about that.

In Arkansas we started off this spring with a fairly good crop of strawberries. Some of the first shipments from Sevier County brought good returns, but prices slumped off to almost nothing by the time the bulk of the White County crop began to move and the growers will make very little this year. In a few days the peach crop, which will be about 70 per cent of normal, will begin to move and unless there is some very clever selling and a careful watching of the distribution the state will lose hundreds of thousands of dollars. Big growers like Bert Johnson of the Highland orchards, with the experience of previous years, may be able to cope with the situation and get their rights, but the small growers are likely to fall an easy prey to the tricky and unscrupulous broker. This situation is explained in the following

letter from a small orchardist at Booneville who has been trying to negotiate a market for his peaches before the harvest begins:

Mr. Jim G. Ferguson,
Commissioner of Mines, Manufactures and Agriculture,
Little Rock, Ark.

Dear Sir:—I have seen your Bulletin and thought perhaps you could help me with my peaches. I will have two or three cars of Elbertas. The canneries like my peaches, and the last time we had a crop we sold them to a canning company. I wrote to this firm about this year's crop and they replied that they were not going to buy orchards as they did in 1919. They were just going into the open market and buy what we call "pick-ups," that is, cars of peaches that would spoil if not handled at once. Some of these are often good peaches and go at about half price. Now I do not want to be in their power, nor in the power of any firm, for it has got to where we men have to wake up or go under. It is now three years since I had a crop of peaches, and I need a fair profit on this crop. Anything you can do for me will be very much appreciated.

G. C. REEVES.

Booneville, Ark., June 17, 1922.

If there is any help that the state and federal governments and the public can give in a situation like this, Mr. Reeves and men like him ought to have it, and have it right now.

In about a month the Arkansas cantaloupe crop will be ready to ship and there will be a good crop of fall apples. We have something going to market nearly all of the time and if the farmer could get a fair share of the price the consumer has to pay for these things our country would blossom

and flourish, but if present conditions continue our berry fields, truck patches and peach and apple orchards will be abandoned and the most fruitful land in all these United States will be rendered unproductive of these things, although millions of mouths are hungry for our fruits and vegetables.

Public sentiment can bring a pressure to bear that will result in helpful legislation reducing rates and regulating brokerage fees, but it seems to us that the quickest and most effective way to get relief would be for the growers, either individually or through their various cooperative organizations, to organize a traffic bureau in charge of rate experts, who would see that the shippers from this state get not only what they are entitled to, but that the arbiters of these tariffs are presented with evidence of discrimination when a higher rate is charged for a car of produce from Wisconsin to Arkansas than is charged over the same rails for the same class of commodity from Arkansas to Wisconsin. A rate expert could collect this information, a traffic bureau could get a hearing and an indignant public can get justice for the unfortunate fruit and truck growers of Arkansas.

This robbery or injustice—which ever it is—has been going on long enough. The farmers want a square deal, not next year, but right now.

ARKANSAS PEACH CROP GOOD.

Arkansas will again be one the big peach producing states this year. The present outlook is for a 75 to 80 per cent crop, which interpreted in carloads should mean in the neighborhood of 1,300 cars. The number of carloads depends largely upon the size of the individual peach, with plenty of moisture, and especially in early June the number of carloads can easily exceed this number.

In 1919 the state had approximately 2,450 carloads. Since this time there has been a large shrinkage in the number of bearing trees in the Arkansas Valley and in north and northwest Arkansas, so it would be impossible for the state to equal its 1919 production. Southwest Arkansas, including the Pike county district, is estimated to have a 40 to 50 per cent crop, or about 450 carloads. There will be a few cars of Red Birds but the main Elberta shipment will begin shortly after July 4. The Arkansas Valley will be practically all Elbertas and should come in about a week later than the Pike county district. Spraying is being practiced in this district more than in former times and the quality of peaches should be improved. Russellville, Morrilton, Cabin Creek, Clarksville, Mulberry, Van Buren and Rudy are among the principal shipping points. These points should have between 50 and 150 carloads each. In Washington county, northwest Arkansas, Springdale expects about 90 carloads and Lincoln will have a good movement. Shipping from these two points should begin about July 25. There will be some Belles but probably 95 per cent of the crop will be Elbertas.

Thus far the crop all over the state is in very fair condition, with just about the right percentage of moisture and sunshine to promote the best growth.

State Superintendent of Schools Commends Jim Ferguson's Work

Mr. Jim G. Ferguson, Commissioner,
Bureau of Mines, Manufactures and Agriculture,
Little Rock, Arkansas.

Dear Mr. Ferguson:—In the opinion of this Department you have issued many publications and pamphlets, setting forth the resources of the State, that are valuable for use in the public schools of the State. You are to be congratulated on the fact that your Department has been enabled to do the work that it has in preparing and sending out to the citizens of the State, and particularly to the schools, the many valuable publications, bulletins and pamphlets that your Department has issued—literature that has set forth the facts and statistics regarding the resources of Arkansas. The work done by your Department along this line has been valuable and important from every standpoint.

J. L. BOND,
Superintendent Public Instruction.

ARKANSAS FARM AND MARKETING BULLETIN

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Published Monthly By The

STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange columns, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

The U. S. Department of Agriculture has set aside \$142,796 for road work in the Forest Reserve in Arkansas. This step is a part of the government program for building improved highways through the Forest Reserves which will be a great benefit to the entire population in or near the lands in question.

The county agents are ready to offer every possible assistance to cotton growers in fighting the boll weevil. This pest has already made its appearance in many cotton fields and unless steps are taken to hold it in check great damage may follow its course.

Farming by radio has become a reality. The Department of Agriculture informs the public that fifteen state agricultural colleges and other government agencies are distributing market news to farmers by radio phone, also that several farmers organizations have installed receiving apparatuses for "listening in" on market reports. The information thus gathered is phoned to members who have produce to sell.

Mr. J. Brinkerhoff, an attorney of Harrisburg, Arkansas, writes to the Department calling attention to the fact that quail are destructive to the cotton boll weevil, and suggests the legal protection of this bird until it has increased to such numbers as to exterminate the troublesome pest. The government has made investigations which bear out the theory that the quail is a friend of the farmer and whether the protective laws are enacted or not, the farmers should encourage the propagation of the quail and surround them with every possible safeguard.

As food of snakes consists of living prey, they can not be killed by poisoned baits. The only method thus far devised to kill them seems to be clubbing or shooting. This is best done in early spring, when they are still sluggish after the winter hibernation. Allowing hogs free run of infested land may reduce the number of snakes. However, the popular idea that hogs are immune to snake bite is probably based on the impenetrability by the venomous fangs of their thick skin and fat layer rather than on actual immunity of these animals.

Begin now to plan with your local fair association for a substantial premium list for the poultry exhibits. Nothing so stimulates poultry keeping and better poultry than local exhibits.

Cross County Fair will be held at Wynne, October 5-6-7 under the auspices of the Wynne Chamber of Commerce. Exhibits will be shown in the Court House yard.

Secretary Wallace has approved soil surveys of Baxter and Clay Counties, Ark., and work will be begun in these areas in a few days, as soon as the survey parties can be assembled.

PROTECT THE BIRDS.

We can spray orchards and shade trees with poisonous insecticides, but we would stand aghast at the impossible task of spraying all the trees in all the woods. We must perforce depend on the natural enemies of insects to protect our forests. Fortunately our birds and other foes of insects, wherever their numbers are sufficient, act as effective forest guardians.

PASTURE LAND.

There is no lack of woodland grasses in Arkansas, and even the roughest lands of the State with a little care and management, could be made productive of the finest pasturage. Arkansas has a great asset in its woodland pastures, and the cattlemen of the western states, driven out of business by drouths and high prices or feed, are beginning to recognize the advantage and to invest extensively in lands of this state.

THE ANGORA GOAT.

The Angora goat, disease resistant, thriving on the twigs, buds, and leaves of burrs and on other detrimental plants, and supplying excellent meat and highly useful hair and skins is still unknown to most of this country which is one of the largest raisers of Angoras in the world.

Texas is the leading goat-raising region of the United States, having more Angoras than all other states combined. Conditions of topography, altitude, climate, and price of land have all joined to help make the ranches successful.

Open brush range, similar to that in Texas, makes the Southwest second in Angora ranging. Many of the orchards of the Northwest stand on land that was brushed off by the goats, and there is much land in that region that is adapted for permanent goat ranging. The Ozarks in Northern Arkansas contain many bands of Angoras and will support more on a permanent brush utilizing basis supplemented with winter feeding. Outside the areas where there is typical goat range Angoras may be used for brush clearing by handling them much as sheep are handled.

POISON THE BOLL WEEVILS.

The following resume of the boll weevil situation is prepared by B. R. Coad and G. A. Maloney, two recognized government authorities on control of the pest by spraying the cotton with arsenate poison:

For the past few weeks we have been accumulating records on the emergence of the boll weevil from nearly all of the cotton states and are finding universally, as we forecasted some months ago, that the number of over-wintered weevils is far greater than usual. In many districts where accurate counts have been made it has been found that we have in the fields now as many weevils as are ordinarily present a month later when the first summer-bred brood has started to appear. With anything like normal weather conditions this will mean a tremendously rapid increase in the weevil damage, and will have an important bearing on the program to be followed by those using calcium arsenate for the control of the weevil.

We recommend starting poisoning when ten to fifteen per cent of the cotton squares have been punctured by the weevil. As a general rule this condition does not arise until after the newly bred weevils have started to emerge from the squares. This year, however, we have found many fields where there are already sufficient weevils present to destroy practically all squares as fast as formed. Such cotton will never start blooming unless the weevils are controlled, and from the outset 50% or more of the squares are punctured. Under such conditions it will be necessary to poison earlier than ever before. There is no advantage in poisoning the cotton before the squares form, as the weevils are continuing to emerge from hibernation during this period and furthermore they are doing the crop

no harm. However, where such a heavy infestation occurs it will be advisable to make the first application just as soon as the cotton starts squaring freely, or about the time the plants average from 4 to 5 squares each.

Another very important effect of this heavy infestation will be felt later in the season. When the weevils first emerge from hibernation and reach the cotton field they move around very little as long as they can find unpunctured squares for their use, but just as soon as the infestation becomes sufficiently heavy to puncture practically all squares, weevils start to move in fresh pastures. In an ordinary season this means that you usually have only the weevils bred in your own cotton to contend with until some time from the latter part of July to the last of August, depending on the locality. This year, however, the movement of weevils will probably start several weeks earlier than usual, consequently it will not only be necessary for you to start poisoning earlier to control your own infestation, but you should also expect that, before you have had time to mature the fruit which your plants have set during this period of protection you will begin to experience an immigration of weevils from unpoisoned cotton. Of course, this condition would not arise if every one in a district was successfully poisoning his cotton; but this will not be the case this year, and just as soon as all squares in the unpoisoned crops are punctured the migration to the poisoned fields will commence. This means that every day a large crop of new weevils will move into these poisoned fields, and it is going to take continuous, thorough poisoning to protect to maturity the crop which has been allowed to set by the earlier applications.

Ferguson's Literature is Helpful to Many.

The Bulletin is a fine thing for the farmers of the State.—J. M. Stevens, Green Forest.

We like your paper fine.—John W. Key, Hopewell.

I think The Bulletin is a grand thing for us farmers.—Lenora Vaughan, Rex.

You are doing a good work in Arkansas for agriculture.—James L. Jones, Formosa.

You are making your department worthwhile to us. I am proud of you.—R. T. Huntley, R. 1, Box 83, Mount Holly.

The Bulletin is a great help to me in keeping up with the markets.—W. D. White, Cave City.

I want The Bulletin regularly. It is just the thing. I am a farmer.—A. P. Law, R. 2, DeWitt.

We think The Bulletin is a good thing for the farmer.—M. T. Allman, Gassville.

The Bulletin is so interesting I would like to have it sent to me.—Adren Vincent, R. 2, Hut Springs.

Many thanks to you for getting up this way of bringing buyer and seller together.—Jackson Pruett, Gid.

We certainly appreciate The Bulletin and would gladly pay to get it regularly.—T. B. Wolley, Benton, Ark.

I like The Bulletin fine.—W. N. Owens, Trull, Ark.

Please send me The Bulletin, I find it very interesting.—John Cochran, Box 13, Peach Orchard.

Send me The Bulletin. I think this is a wonderful work you are doing for Arkansas.—K. R. Herbert, Bear-den.

I am glad to get The Bulletin.—W. A. Streator, Waldron.

Industrial Directory is Best Thing of Its Kind.

This book will be of great help to me in my business.—T. L. Knod, Gillham.

Industrial Arkansas, in our opinion, is the best thing of the kind that has

been gotten out.—J. F. Hasty & Sons Paragould.

We wish to express our appreciation of the splendid book. It is a wonder for completeness.—J. S. M. Wharton, Manager, Helena Gas & Electric Co., Helena.

It is the most complete and comprehensive directory of its kind that has been our pleasure to observe. It will be of great aid in the development of Arkansas' abundant resources.—M. E. Melton, Secretary, Chamber of Commerce, Texarkana.

Industrial Arkansas is very much appreciated and will be kept on my desk to be used daily.—C. K. Bothwell, Assistant General Passenger Agent, Missouri Pacific Railroad, Little Rock.

Accept my congratulations on this good work of your department. The data shown in Industrial Arkansas would go a long ways to convince the financial powers of the north and east that Arkansas is an enormous producer of raw products.

From Those Who Received Our Maps

I find that your map is so complete in its nature that I am prompted to ask for another.—Oscar Barnett, Malvern.

I think this is the best advertisement the State has had along this line.—J. D. Shackelford, Prescott.

Your fine map received and I must say it is very complete and a good advertisement for your State.—W. S. Baird, Vesper, Kansas.

I have seen your map and think it is simply fine.—John R. Kizer, Pocatonto.

I have received the very comprehensive, convenient, valuable and instructive map.—C. F. Greenlee Brinkley.

Mr. H. C. Petry, Lewisville, Ind., is interested in land in northeastern Arkansas.

FARMS FOR SALE

Newton County Farm—For sale or trade. Four acres in cultivation, rest in timber. Healthy location. Good school, post office. Price \$2,500. Geo. V. Warner, Devils Knob, Ark.

One Hundred and Fifty-Eight Acres—80 acres in cultivation. Three houses; two wells; good school and church. Free range for livestock. Price \$2,000 for farm, crops, mules and farming tools. N. B. Calley, Pike City, Ark.

Newton County Farm—165 acres; 40 acres in cultivation. Some clover; good house; cellar, fine water; other improvements. Price \$13 per acre. Casb. F. M. Ruben, Devils Knob, Ark.

Two Tracts of Eighty Acres Each—In the strawberry section. Some cleared land; house on each tract. Write S. E. Hollabaugh; Marshall, Ark.

An Ozark Farm—280 acres five miles west of Clinton. Some improvements. Price \$1,500; half cash, 6 per cent interest. A. McDaniel, R. 1, Higden, Ark.

A Mountain Home—120 acres two miles from Chester. House; barn, garden; plenty of fruit for family use. Price \$5 per acre. G. C. Smith, Chester, Ark.

One Sixty-Acre Farm—Four miles from Chester; 20 acres in cultivation; 10 acres in bottom. Barn, garden, lots of water; fruit for family; good timber; close to school. Price \$5 per acre. G. M. Pense, Chester, Ark.

Northwest Arkansas Farm—160 acres; 90 acres in cultivation, 12 acres in orchards; lots of spring water; two-story house; two barns; silo; other improvements. Price \$60 per acre. Wiley C. Sifton, Route 2, Decatur, Ark.

Franklin County Farm—200 acres, 100 in cultivation, 100 in timbered pasture, good 5-room house, large barn, plenty water, tenant house and small barn. On rural route and telephone line; one-quarter mile from good grade school; very productive land; good neighbors; convenient to Charleston churches and high school; an excellent stock and general purpose farm, and at very low price, with terms to suit. J. L. Goodbar, Charleston, Ark.

For Sale—40 acres timber land in the midst of as fine outside range as is to be found in Marion county; about 10 miles from Yellville south; lots of timber and well watered; about three miles to school and church. Price \$400; half down and balance on 1 and 2 years time. W. P. Waters, Pyatt, Ark.

Newton County Farm—90 acres of land; 2 miles from Deer, Ark.; 35 acres fenced, about 25 in cultivation; house, barn and small orchard; spring water. For price and further particulars, address H. F. Heydenreich, Deer, Ark.

Will Sell or Exchange my 10-acre truck and poultry ranch for a place handy to school, which is the only objection one could have to this place; has garden that can be irrigated; fine spring; one mile from shipping point. I. Cunningham, Turkey, Ark.

Boone County Farm—315 acres; 200 acres fenced; 100 acres in cultivation. Two sets of buildings. Lots of timber for fuel and building purposes. This is a splendid farm which the owner desires to sell because he wants to retire. Write J. R. Daughtry, Self, Ark.

Fruit and Dairy Farm—65 acres, all fenced; 12 acres in orchard; 25 acres in pasture; good house, barn, garage, poultry house. Owner too old to manage place and wishes to sell. No agents. Write direct to owner. C. M. Myrick, Siloam Springs, Ark.

One Hundred and Ten Acres for Sale—75 acres in cultivation; 15 acres in orchard; house, barn and other improvements; good water; near school and church; owner not able to supervise the place. Price \$1,250. W. H. Ridding, Hartley, Ark.

Ashley County Farm—83 acres, two miles from Hamburg; 35 acres fenced; 20 acres in cultivation, balance in pasture; five room house, barn, orchard, fine water. For price and terms write J. E. Ralph, R. 4, Hamburg, Ark.

Grant County Farm—Twenty acres, near Sheridan. Some land cleared; several improvements; will sell or trade for improved land near Little Rock, Fort Smith, or Hot Springs. E. G. Gossett, Sheridan, Ark.

A Good Farm of 120 Acres, with forty acres in cultivation; one house with four rooms and another house with two rooms; other improvements; good water; family orchard. Price \$1,100. Milton Kent, Mt. Judea, Ark.

Eighty Acres of Farm Land at a Bargain. Fine proposition for stock raising; three-room house, phone, mail route; fine water. Price \$600. Jesse J. Johnson, Kirby, Ark.

Nevada County Farm—Eighty acres, 70 acres highly improved; fine soil for oats, potatoes, cotton, corn, and all kinds of small fruits and vegetables. Good house and large barn; four room tenant house. This is a bargain. Write for particulars. E. E. Bommar, R. 2, Prescott, Ark.

Fulton County Farm—Seventy-two acres adapted for corn, cotton, alfalfa, clover and other crops. Will sell mules, cattle, chickens and farm implements with the place if the deal is made in the next 30 days. Price for all \$2,000. W. H. Skidmore, R. 1, Elizabethtown, Ark.

A Good Farm in Izard County—120 acres; sixty acres cleared, balance in timber; 100 acres fenced. Good house, barn and other improvements. School and post office nearby. Price \$1,750; \$450 cash and the balance on terms. Arthur Williams, Zion, Ark.

Van Buren County Farm—Eighty acres of good mountain land, on public road; 35 acres in cultivation; orchard, garden, water, four-room house. Price only \$350. Will consider good car or truck in deal. F. A. Barton, Marshall, Ark.

Farm in Northwest Arkansas—80 acres level land, fenced, ten acres in apples, 200 Elberta peach trees, seven-room house, new barn, fine water, automobile road, daily mail, phone. Price \$150 per acre. Will consider trade. Capt. Colin, Green Forest, Ark.

Eighty Acre Farm in Faulkner County—Fifty-five acres in cultivation; apple and peach orchard; good well, barn; oil lease pays taxes on place. Near church and school. Price \$800. Terms. W. O. Wood, R. 2, Conway, Ark.

Independence County Farm—184 acres well improved; upland soil adapted for general farming and truck growing; good house, barn and other improvements; good water; 1 mile to church, school and postoffice; will sell cheap. J. B. Fallis, Charlotte, Ark.

Howard County Farm—95 acres sandy loam soil, suitable for general farming. Bermuda pasture and plenty of water for livestock; daily mail; good school and church. Price \$10 per acre. A. L. Keith, Galena, Ark.

Carroll County Farm Near Berryville—118 acres on Jefferson Highway; lots of improvements; fine spring water; 65 acres in cultivation; three acres in alfalfa; thirty acres in timber; near school. Cheap at \$40 per acre. Owner makes this low price because he is unable to personally look after the place. G. M. Pyron, Green Forest, Ark.

Lonokey County Farm—Good land for corn, cotton, peas, etc. Three houses; two wells; 30 head of cattle; abstract. Price \$30 per acre. W. B. Bogard, Rt. 2, Carlisle, Ark.

Two Hundred Acres for Sale—100 acres in cultivation; lots of improvements; pure water; oil development in prospect. Owner will sell or trade for a smaller farm near a good market. Sam Wallace, Mt. Holly, Ark.

Pope County Farm—120 acres Black mountain land; 40 acres in cultivation, balance in pasture and timber; hay, corn, cotton, fruit and vegetables thrive on this land. Will take good Ford car as part payment. J. L. Tallington, Gum Log, Ark.

Stone County Farm—40 acres; eight acres in cultivation. House, barn, family orchard, good water. Price \$300; \$150 cash, balance terms. Earl Gilbert, Arlberg, Ark.

Cleveland County Farm—80 acres; 40 under fence; 30 in pasture and cultivation; good house and barn, 75 bearing fruit trees; 13 miles from Pine Bluff; close to good school and church, and 5 miles from gravel road. Will sell for \$16 an acre. J. W. Rodgers, Draughton, Ark.

For Sale, 80-Acre Poultry Farm. Team of mares and colts, five cows, four hogs, chickens, farm tools, buggy, crop, hay in barn, telephone, cream separator and household goods, all for \$2,750. Terms. Farm is fenced, on public road, near county seat; 2½ miles from railroad station; school and church near; all kinds of fruit; new barn, house; other outbuildings, well and spring at door; 35 acres cleared, 25 in alfalfa, clover and timothy. Have other business and can't attend to farm. Possession at once. H. W. Smith, Yellville, Ark., Box 136.

Pulaski County Farm—Seven and one-half miles from Little Rock. Farm is fenced, has one house and fine water. Soil grows corn, cotton, grass, fruit and all kinds of truck crops. Owner will sell for the low price of \$1,000 cash. Mrs. J. A. Stafford, Wilson Apartments, Little Rock, Ark.

For Sale—90 acres of land, two miles from Deer, Ark.; house, barn and small orchard. For particulars address H. F. Heydenreich, Deer, Ark.

Stock Farm for Sale—250 acres on White river, in Madison county, Ark.; 80 acres in cultivation; 126 in timber and pasture; good house, barn, well, springs, \$12.50 per acre; will take good car as part pay. A. J. Smith, Luxora, Ark.

Fruit and Berry Land, for an automobile; good 40 acres, near Fayetteville, on gravel highway; fenced and cross-fenced; 15 acres in cultivation. \$20 per acre. Will trade for a good Dodge car. A. J. Smith, Luxora, Ark.

Fifty-Nine Acres for Sale; all under wire fence; 50 in cultivation; makes good crops every year; good 4-room house and other buildings; 4½ miles to railroad town of Rector. Price \$3,000. W. T. Jones, Rector, Ark.

Eighty-Acre Ridge and Valley Land—On mail route; small improvements; good soil; \$1,200, part trade. W. T. Jones, Rector, Ark.

183 Acres on White River—Fine land, will grow 80 bushels corn per acre, and has made bale and half of cotton per acre; there is about 15 acres in cultivation, and the balance can be cleared; there is one of the finest fishing lakes in the state on this land. Good deed and abstract. Price for a quick sale, \$12 per acre. H. McCready, Russell, Ark.

Logan County Farm; one mile and a quarter from Duhlin, 80 acres; 50 acres in cultivation; 12 acres in meadow, balance in pasture, blue grass, orchard grass and Bermuda; good barn, house, smoke house, poultry house and other outbuildings; family orchard; no waste land on farm; plenty of water in pasture; good well; one mile from high school and church. Price \$4,000, terms on part. Henry Mitchell, Scranton, Ark. R. 2, Box 107.

For Sale, 10-Acre Fruit Farm—About 150 Elberta peach trees that will bear next spring; apples, pears, plums, figs, etc.; all in cultivation and ideal location; a gradual slope to the south; within incorporate line of McNeil; about 3 blocks from school; good small house. If you want an ideal home cheap see about this at once. Price \$1,500. J. Roy Whitt, Box 642, McNeil, Ark.

For Sale—135 Acres land, 6-room house; good barn and outbuildings; 40 acres in crop; 2 mules, wagon, harness, 14 head of young cows and calves, 8 hogs; good orchard, peaches and apples; all for \$2,500, part cash, balance easy terms. Don't write, but come and look; close to good school and on good road. G. G. Wisenbaker, Mt. Valley, Ark.

Black Land Bottom Farm of 193 acres; all fenced with woven wire with catalpa posts; 120 acres in cultivation; balance timber land; the very best water, two good houses, with other improvements; this farm is located on a public road and is ½ mile from a good pike road; also ½ mile to the small railroad town of Geridge, Ark. Price, \$60 per acre; very small payment down, balance 10 years at 7 per cent. T. A. Timmons, owner, Humnack, Ark.

Farm in Howard County—90 acres, 60 in cultivation; 30 acres valley land, balance on the hill; two houses, one 6-room house, one 3-room house; two good wells; about 50 young fruit trees; good hog pasture fenced; daily mail service. Close to school and church. If interested write L. T. Harrison, Center Point, Ark.

Forty Acres Timber Land, in Scott county, 15 or 18 acres suitable for cultivation; has fine oak and gum timber, enough timber on the 40 acres for building; within two miles of good saw mills; free range; a fine place for stock and poultry raising; near a coal mine. For price, write J. W. Rowden, Hon. Ark. Route 1, Box 37.

Benton County Farm—125 acres, all tillable; 100 acres in cultivation; 80 level, black prairie; 12 orchard, 16 timber pasture; 2 sets of buildings; 6½ miles from Siloam Springs; fenced and cross-fenced. Price \$18,500. Terms. Good hard roads. B. L. Tate, Siloam Springs, Ark., Route 3.

Newton County Farm—48 acres, 16 acres in cultivation; 40 can be cultivated; one mile of Jefferson Highway; two-room house, barn and garden; good well and one spring; a fine little home. Price \$500. W. H. Berry, Mt. Judea, Ark.

Fifty-Nine-Acre Farm for Sale, in Van Buren county; two-room house, barn, garden and spring of fine water; 12 acres in cultivation; 3 acres in pasture and 44 acres of timber; more good land to clear; fine young orchard. Price \$400, or will exchange. Mattie Bemrage, Dabney, Ark.

Montgomery County Farm—160 acres, near Waters, Ark.; one mile to church and school; good orchard, meadows, pasture and fine water; about 90 acres in cultivation; nice smooth clay foundation land; two sets buildings; will sell all or part of this farm; terms on part. See or write W. R. Buchanan, Waters, Ark.

130 Acre Farm—40 acres cultivated, the rest in pasture, meadow and fine timber; new barns and outbuildings; four-room house; family orchard; fine water; close to church and school; rural route and telephone. Cheap for cash. F. H. Germann, Route 3, Camden, Ark.

200 Acres—Two Good Farms—100 acres in cultivation; 100 acres in pastures, orchard and timber; two good residences, barns and other buildings; land a good clay loam, fine for corn, wheat, oats, cotton, clover and raising livestock; well watered by wells, springs and creek; on public road; near railroad, daily mail, phone; near church and school; white neighbors; a healthy location; \$25 an acre; about half cash, balance on terms. Write or come and see the crops growing on it. A. B. Shockley, Siloam, Saline county, Arkansas.

160 Acres—30 cleared; orchard, springs, dwelling, public road and phone line; near school and church; 2 miles from shipping station where fruit and truck is shipped by the car. Price only \$4,000, \$1,000 cash, good terms. Will sell 40 or 80. G. W. Sullivan, DeQueen, Ark.

About 1,000 Acres—500 in cultivation; improvements; plenty of timber and water; will sell this land part or all. Price \$5 to \$20 per acre, according to improvement. Write to E. W. James, Mobley, Ark.

Black Land Farm, Clark county; 640 acres fronting 1½ miles on Bankhead National Highway; one mile from Mo. Pac. station; three miles from Gurdon; twelve miles from Arkadelphia; two sets new improvements; one-half in cultivation; suitable for raising alfalfa, clover, cotton, corn and small grain. Fine artesian water; can sub-divide. Price reasonable with good terms. See or write owner, W. E. Miller, Gurdon, Ark.

Three Thousand Two Hundred and Sixty Acres, solid block, of unimproved farm and fruit lands located in Clark county, South Central Arkansas, just north of the Caddo river and on the gravel Bankhead Highway, five to six miles from the excellent college and business town of Arkadelphia, thirty miles from Hot Springs; 75 to 80 per cent lies well

and will grow excellent staple and truck crops the same as improved adjoining farms, the other 20 per cent lies rolling to rough and is suitable for fruits and berries; the merchantable timber on this tract should pay for the clearing of the land. This property lies near the great oil and gas fields of Union County, Arkansas, and is a great colonization opportunity, or is suitable for one large combination farm and ranch. The price is so low and terms so liberal that you will be astonished, and if you are really interested in an opportunity of this kind write for price and further details to Hamp Williams, Hot Springs, Ark.

Eight Acres of Rich Sandy Loam Land, unimproved, well located, will sell part if wanted. Would accept some trade, or sell all credit, on ten years time. If you want a home look after this. Write K. Dillender, Dermott, Ark.

Scott County Upland Farm—120 acres, of which 45 acres is in cultivation, balance in pasture and timber; good well, three-room house, smoke house and barn; there is a Federal Farm Loan of \$644 yet unpaid, with 27 years time for the balance. To assume this loan, plus \$850, will buy the farm. Mrs. H. C. Bethel, Bates, Ark.

Mountain Farm of 180 Acres—100 in cultivation; young orchard; also an old orchard; plenty fruit and berries of all kinds; new 5-room house; painted; good concrete well on porch; store house, packed full of all kinds of dry goods and groceries; one of the best stands for a country store in the country. If you want a bargain come or write. Will sell all together or sell separately. A fine chance to make money, for I have made it, but am old now, and can't run the farm and store. M. B. McEntire, Murillo, Ark.

43 Acres in Van Buren County—A small home for a small outlay of capital. A field cleared and fenced, 8 or 10 acres, house and some other improvements; on county road, in good settlement; near school and church. Price \$300. Will take in good wagon and team or will exchange for town property. A splendid home for a small family. If interested come see it. M. B. McEntire, Murillo, Ark.

Eighty Acres in Bradley County—Good sandy loam soil, near church and school; five miles to railroad town; fifty acres in cultivation; good Bermuda grass pasture and fine water. Good six-room house, barn, woodshed, poultry house and other buildings. Am retiring, will take \$20 per acre. J. N. Hickman, Hermitage, Ark.

Twenty Acres of Unimproved Land; lots of timber, mostly oak, hickory and pine; very fertile soil. Will sell for \$100; \$20 down, \$10 monthly. Thurlly Reece, Big Flat, Ark.

Baxter County Farm—58 acres, fenced; 20 cultivated, balance pasture, with running water; 7-room dwelling; cistern, cellar, barn, and other buildings; store, with about \$1,500 stock of general merchandise; will sell all together, or separately. This is a good location for a store. Owner too old to look after the business. Attractive price. Terms. Also have 89½ acres adjoining this tract, all fenced; 50 acres in cultivation, good strong land; 3-room frame house, barn and other buildings; about 50 peach trees; located on public road and daily mail route; my price for the 89½ acre tract is \$2,000. These farms located near Advance and Lone Rock, and three miles south of Cartney, the railroad station, near White River. Write W. M. Cantrell, Lone Rock, Ark.

Crawford County Farm—40 acres unimproved land, ½ mile from Shaberg, Ark., on the Frisco R. R.; good school ½ mile from land; orchard, grazing and poultry, will exchange for good house and lot in Arkansas town; eastern part of State preferred, or will sell for \$2.50 per acre. Henry F. Johnson, Delaney, Ark.

Madison County Farm for Sale—163 acres; 100 acres fenced with wire and rails; 75 acres in cultivation; pasture, plenty water, good orchard; four-room house, grainery, barn, smokehouse and tenant house. Price \$2,000, with good crop included. Write T. A. Jackson, owner, Aurora, Ark.

Unusual Farm Bargain—160 acres of rich upland, land fertile, smooth; no rocks; good fences. A fine stock farm; an unusually healthful and pretty place. Four and one-half miles from two towns. Good macadamized roads; must be sold at once at the ridiculously low price of \$5,000; terms. See or write Byron C. Marshall, Imboden, Ark.

Homeseekers Who Want to Buy Arkansas Farms

Clyde Tracy, Box 137, Farmington, Ill., is prospective homeseeker.

John C. Bailey, Sweet Grass, Mo., wants to move to Arkansas.

E. E. McKimm, 81 West 52nd St., Kansas City, wants a fruit farm in the uplands.

L. W. Garrett, Garrison, Mo., wants to exchange an 80-acre farm in Taney County, Mo., for a berry and poultry farm in Northwest Arkansas.

O. A. Moore, Box 113, Farmington, Ill., is planning to make a change of residence and looks with favor on Arkansas.

Gordon Black, 111 Marsden St., Houston, Texas, asks the price of land in Southwest Arkansas.

G. H. Walker, Cherry Ridge, Mont., writes about conditions and prices of farm land.

M. C. Stark, Livermore, Iowa, writes about land in the Ozarks suitable for poultry raising and for fishing and hunting.

H. C. Petry, Louisville, Ind., is interested in land in northeastern Arkansas.

Dr. J. H. Moninger, Brodhead, Colo., wants some limestone land in Arkansas, where he can raise alfalfa, clover and hogs.

S. V. Cowan, Wallek, Sask., Canada, asks

about the Ozark Highlands and homeseeker's rates to Arkansas.

Mrs. John Hill, Fort Elgin, Ontario, Canada, has \$600 or \$800 to invest in an Arkansas farm.

E. H. Bear, 6926 83rd St., S. E., Portland, Ore., asks about land prices in Arkansas.

H. F. Shaw, Wilson, Kan., wants to establish a stock farm near some good town where there would be a market for milk.

Anthony G. Carney, 520 Southern Ave., Alhambra, Calif., asks what part of Arkansas is best adapted for fruit.

Stuart V. Breed, 2720 Washington ave., St. Louis, Mo., is interested in Sevier county.

W. C. Treece, 1704 Chestnut St., Dallas, Texas, is a prospective homeseeker.

Walter Osborn, 315 Bennett Ave., Joliet, Ill., wants land where he can raise fur-bearing animals.

Hugh M. McCormick, Ypsilanti, Mich., expects to bring his family to Arkansas this fall and he is looking for a location in a section where the nights are cool and refreshing and the days warm, but not oppressive. He thinks he would like the hill country of Central Arkansas.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas,
the U. S. Department of Agriculture, and the State Department of Agriculture.

BEEF CATTLE

Hereford Bulls—Three registered bulls, two years old, for sale, from \$150 to \$250 each, by L. C. Adams, 402 Ash street, Texarkana, Ark.

Shorthorn Bulls—Several Shorthorn bulls, excellent individuals, and well bred, for sale through E. B. Whitaker, County Agent, Marianna, Ark.

Aberdeen Angus bulls for sale by District Agricultural School, Monticello, Ark.

Hereford and Shorthorn bulls for sale by District Agricultural School, Jonesboro, Ark.

Herd of Shorthorn cattle, consisting of about 30 cows and a number of head of young stuff, is offered for sale by T. A. Watson, Charleston, Ark. This is a fully accredited herd.

G. W. Yancy & Son, Marvell, Ark., offer Red Poll bulls, guaranteed to get 90 per cent red and hornless calves, regardless of color of the cows. Price \$40 each.

J. S. Courtney, Halley, Ark., has 1,000 cattle which must be sold before September 1. He also has five jacks for sale.

J. L. Haman, Vilona, Ark., wants to exchange a Red Shorthorn bull four years old and registered.

DAIRY CATTLE

Jersey bulls, seven in number, are offered for sale by the District Agricultural School, Monticello, Ark. This school has an attractive plan for loaning bulls to farmers in 18 counties of Southeast Arkansas, details of which can be obtained by writing F. Horsfall, Monticello, Ark.

Registered Jersey heifers are offered for sale by Jess Medlock, Arkadelphia, Ark.

Three Holstein bull calves are offered for sale by Thos. C. Watson, Mt. Vernon, Ark. He is also offering Airdale puppies of the Oorang breeding.

Both Holstein and Jersey bulls are offered for sale by The Equitable Dairy, Fort Smith, Ark.

Several head of young Jerseys are offered for sale by Daves Bros., Dairy, Fort Smith, Ark.

Registered Jersey heifer is wanted by C. S. Johnson, Warren, Ark.

F. M. Carroway, Fordyce, Ark., has two fine Holstein cows for sale.

Big L Farm, Fordyce, Ark., will exchange four-year-old Holstein cow for value in White Leghorns.

J. A. Edmondson, Calico Rock, Ark., offers to sell or trade his registered Holstein bull.

W. W. Stewart, Chismville, Ark., has for sale pure bred Jersey bull in good condition. Price \$15.

BREEDING HOGS

Poland China pigs are offered for sale by R. B. Sossamon, Arkadelphia, Ark., at \$12.50 each, registration papers furnished.

Three registered Poland China pigs are offered for sale by H. B. Bowers, Jacksonville, Ark.

Several Poland China gilts, either bred or open, are offered for sale by Dr. K. E. Hudson, Charleston, Ark.

Virgil Highfill, Hartman, Ark., offers three male and one female Poland China pigs at \$10 each. Registered.

W. A. Daniel, Dermott, Ark., has registered Spotted Poland China pigs for sale. Price on request.

Forest P. Owens, Bingen, Ark., has Hampshire gilts bred at \$30 to \$35 each.

R. H. Stokenburg, Elkins, Ark., has registered Shorthorns and Big Bone Poland Chinas for sale.

W. S. Millett, Everton, Ark., has Big Bone Spotted Poland Chinas for sale. All registered in buyer's name; price \$15.

W. D. Crownover, Bee Branch, Ark., offers pure bred Duroc pigs; also a good milch cow with heifer at side for sale or trade.

T. V. Poe, Abbott, Ark., has Poland China pigs for sale.

Guy A. Waters, Hackett, Ark., has twelve purebred Duroc pigs for sale, \$7.50 each.

W. E. Lankford, Bergman, Ark., has 17 Duroc gilts for sale.

J. Hill Riley, Ravenden Springs, Ark., has Hampshire gilts and boars for sale; \$20 to \$25 each.

Spotted Poland-China pigs for sale by W. S. Millett, Everton, Ark.

Registered Duroc-Jersey sow at \$50.00 and a boar at \$40.00 are offered for sale by T. W. Crooms, Center Point, Ark.

Two Duroc-Jersey gilts three to four months old are for sale by J. T. Volentine, Charleston, Ark.

Four Duroc hogs of February farrow and from Scissors line of breeding, are for sale by Norman Coyle, Idabel, Okla.

C. S. Johnson, Warren, Ark., wants 15 Poland China sow pigs.

FEEDER HOGS

Zebra Green, Locust Lawn Farm, Oakland, Ill., wants several loads of feeder hogs.

Carp Bros., Wichita, Kans., want several hundred head of feeder hogs. Mr. Carp recently spent some time in the state purchasing hogs and is constantly in the market for good loads of hogs.

SHEEP AND GOATS

Steele Kennedy, County Agent, Hot Springs, Ark., wants a registered yearling, Cheviot or Shropshire ram.

Geo. K. Barnes, 157 Clark Place, Memphis, Tenn., wants prices and descriptions of goats for sale.

H. E. Bard, Des Arc, Ark., wants three yearling Shropshire rams for use on a flock of grade ewes.

J. E. Little, Conway, Ark., wants to buy several Angora bucks and will buy 100 head or more of goats, if attractively priced.

J. A. King & Sons, Route 2, Charleston, Ark., offer for sale several Hampshire bucks and a few ewes. Can supply either purebreds or grades.

A. Johnson, Mayfield, Ark., has for sale one registered Shropshire buck and a grade buck.

Johnson D. Brown, Mansfield, Ark., has a Shropshire Buck and an Angora buck for sale.

Joe E. Jackson, Japton, Ark., has one registered Shropshire ram for sale or exchange.

PLANTS AND SEEDS FOR SALE

Eleven pounds of seven top turnip seed, 5c per ounce, or 50c per pound. W. P. Waters, Pyatt, Ark.

Genuine Nancy Hall Sweet Potatoes, plants grown from selected seed, \$1.75 per 1,000. In lots of 10,000, \$1.50 per 1,000; delivery charges prepaid. Plants ready now. Orders filled same day received. F. D. Moudy, R. F. D. No. 1, Belleville, Ark.

Early Speckled Velvet Beans, \$1.75 per bu.; Osceola velvet beans, \$2.00 per bu.; Genuine bunch velvet beans, \$2.00 per bu.; Mixed peas, Clays mixed with Whips, \$1.90 per bu.; Clay peas, \$2.00 per bu.; White peas, \$2.00 per bu.; Whippoorwill peas, \$2.00 per bu.; Brabham peas, \$2.50 per bu. All put up in new even weight sacks. F. O. B. Tennille, Ga. H. M. Franklin.

Peas, Whippoorwills, \$2.00 per bu. Forrest P. Owens, Bingen, Ark.

Nancy Hall and Triumph Sweet Potato slips, chemically treated, \$1.00 per 1,000. W. C. Graydon, Danville, Ark.

Genuine White Spanish Peanuts, 4c per lb.; Porto Rico Potato Plants, \$2.00 per 1,000. Prepaid. L. W. Owens, Bingen, Ark. R. 2.

Seven-top Turnip seeds, 30c per lb.; strawberry plants, \$1.00 per 100. Ellen Dillard, Amity, Ark., R. 2.

Rocky Ford Cantaloupe seed, 60c per lb.; 35c per half lb. Orange cane seed, \$2 per bu. B. R. Woodruff, Flowery Branch, Ga.

For Sale—White Spanish Peanuts as they come from the picker, 4c per lb.; hand picked, free of sticks and trash, 5c per lb. Forrest P. Owens, Bingen, Ark.

Bur clover seed, \$1.00 per bu. Lucy Brumfield, Valley, Miss.

Winter grown Fulghum oats, in car lots or less. Ft. Smith Seed Co., Ft. Smith, Ark.

We want to buy Abruzzi Rye, Winter Top Onion Sets, Bur Clover, Winter Barley, Ft. Smith Seed Co., Ft. Smith, Ark.

MARKET CATTLE PRICES

The highest market price for our grades of cattle is usually obtained during the months of April, May and June, this being the season before the heavy run of grass cattle goes to market. When pastures dry up in mid-summer, more cattle are sent to market and a lower price per cwt. for these cattle is usually obtained. This condition usually continues through the fall season when the bulk of our cattle is being marketed.

The market price now being paid for our grades of cattle on the central markets is considerably above the prices of a year ago. However, home prices do not appear to be affected by the increase and many local buyers are still buying cattle on a year-old market or "dickering" for these cattle on a per head basis, giving the impression that there has been no improvement in the market. In 1921 the quotation covering the bulk of our grades of mixed cattle ranged from \$2.00 to \$5.00 cwt.

Results from a co-operative shipment of mixed cattle and calves shipped under the direction of County Agent E. P. Dargan from Hazen and sold on the East St. Louis market by the The Producers' Live Stock Commission Company on May 22, 1922, will give an idea as to the range of prices at the present time. These cattle sold as follows:

2 Cows, 1 bull and 1 calf	\$3.00 per cwt.
4 Cows, 1 heifer and 1 bull	3.50 per cwt.
2 Bulls	3.85 per cwt.
2 Cows, 4 calves	4.00 per cwt.
4 Steers	4.25 per cwt.
1 Bull	4.50 per cwt.
1 Cow and 2 steers	5.00 per cwt.
3 Cows and 3 heifers	5.40 per cwt.
2 Calves and 1 heifer	6.00 per cwt.
1 Calf	8.00 per cwt.

The average price obtained for the 28 head of cattle and 8 calves was \$4.30 per cwt. The total shipping and sale expenses was 60 cents per cwt. The gross returns were \$904.01, the expense of shipping and selling was \$124.62 and the total market weight was 20,985 pounds. Nine shippers owned the cattle sold in this car. County Agent Dargan estimates that the saving on this car, from comparison between the price received and prices on a per head basis, offered locally, was fully \$200.00.

THE WOOL MARKET

The wool market is active at the present time, wool quotation being about 100 per cent greater than at the same time a year ago. St. Louis quotations on Arkansas grades of wool are now about as follows:

Clear wool, medium	30c to 36c per lb.
Slightly burry	25c to 30c per lb.
Hard burry	17c to 20c per lb.

In many cases local market prices are not in keeping with the recent advances and in such instances, large savings can be made by consigning wool to reliable dealers on the larger markets.

JUNE PRICES OF FARM PRODUCTS IN ARKANSAS

Hogs (live weight), per 100 lbs.	\$ 7.00
Beef cattle (live weight), per 100 lbs.	3.60
Veal calves (live weight), per 100 lbs.	5.40
Sheep (live weight), per 100 lbs.	4.00
Lambs (live weight), per 100 lbs.	6.40
Milch cows, per head	33.00
Horses, per head	60.00
Milk (whole), wholesale, per gallon	.35
Milk (whole) retail	.42
Wool (unwashed), per lb.	.23
Wool (washed), per lb.	.31
Apples, per bu. of 48 lbs.	2.00
Apples, per barrel	7.20
Peaches, per bu. of 48 lbs.	1.70
Maple sugar, per lb.	.22
Maple sirup, per gallon	2.25
Peanuts, per lb.	.06
Beans (dry), per bu. of 60 lbs.	4.25
Sweet potatoes, per bu. of 55 lbs.	1.10
Cabbages, per 100 lbs.	3.50
Onions, per bu. of 57 lbs.	2.10
Timothy hay (loose), per ton of 2,000 lbs.	17.90
Clover hay (loose), per ton of 2,000 lbs.	16.75
Alfalfa hay (loose), per ton of 2,000 lbs.	18.25
Prairie hay (loose), per ton of 2,000 lbs.	15.50
Clover seed (red), per bu. of 60 lbs.	14.95
Timothy seed, per bu. of 45 lbs.	4.90
Alfalfa seed, per bu. of 60 lbs.	12.00
Cotton seed, per ton of 2,000 lbs.	36.40
Eggs, per doz.	.17½
Chickens (live weight), per lb.	.18½
Cowpeas, per bu.	1.80
Cream, per lb. of butter fat	.31

PRICES OF PRODUCTS BOUGHT BY FARMERS

Clover seed (red), per bu. of 60 lbs.	\$16.15
Alfalfa seed, per bu. of 60 lbs.	13.00
Bran, per ton	30.80
Cottonseed meal, per ton	52.00
Cottonseed hulls, per ton	15.40

Additional Farms For Sale

Sevier County Farm, 80 acres, fenced with wire, 40 acres in pasture, 35 in cultivation, two acres in orchard and vineyard, full of fruit, all good land, good water, building lumber to build good house, some pine timber, corn and potatoes, peanuts, crop good, stock and tools, one mile from church, one-half mile from school; the strawberry acreage is growing in this vicinity. Will take \$2,000 for all, or \$1,600 for the farm. G. T. Galloway, Lebanon, Ark., R. 1, Box 22.

Van Buren County Farm, 200 acres, 30 acres in cultivation, 11 acres in red top, 10 in wild grass pasture, all fenced; 300 apple trees, a bungalow house, 4 rooms, good barn, smokehouse, store house, plenty of water, well and two springs; 160 of this land not in road district. Price \$1,500 cash. W. O. Blaney, Dabney, Ark.

Ninety-nine Acres of Mountain Land, 15 acres in cultivation, 2 good cows, 14 head of hogs, 2 pony mares, 8 head of goats, some chickens, household goods and farming implements, good mountain crops. All for sale at a low price, cash. Willis B. England, Witts Springs, Ark.

A Small Upland Farm of 45 acres for \$900 three-fourths of a mile from school and church and one-fourth of a mile from public road, 2 1-2 miles east of Kirby, Ark. E. C. Anderson, Kirby, Ark.

Eighty Acres in Baxter County, some improvement. Fine for fruit and dairying. Near good schools and roads. Price \$800. Joseph A. Deatherage, Three Brothers, Ark.

One Hundred Twenty Acres of ridge and valley land. Sixty acres of timber and 60 acres in cultivation. J. E. Jones, Rector, Ark.

Five Hundred Fifty Acres, adjoining the town of Marvell. Fine soil. Will sell in small tracts to suit purchaser. Parker C. Ewan, Clarendon, Ark.

Garland County Farm—155 acres adjoining city of Hot Springs on east, and one mile from Eastman Hotel. Little Rock-Hot Springs Highway runs through this land. Can be served with water, sewerage and gas. Only large tract of land suitable for subdivision, fruit, truck or dairy farm, near this great health resort. R. T. Cook, P. O. Box 215, Hot Springs, Ark.

Benton County Farm—15 acres, 3 1-2 miles from Rogers; 10 acres apple orchard, 4 acres strawberries, blackberries and raspberries; 1 acre pasture and garden. Small improvements; fine building site. No rocks. If interested write Jesse A. Johnson, R. 2, Rogers, Ark.

Howard County Farm—Good stock farm, 100 acres, 50 acres in cultivation, good spring water, open range; good school, mill and postoffice, 17 miles north of Dierks. Would like to exchange for small truck farm near Mena, or sell for \$10 per acre. T. B. Pate, Athens, Ark.

Farm in Drew County—80 acres, 30 acres in cultivation, 50 acres fenced; new 5-room bungalow, good barn, smoke house and chicken house, pure water, R. F. delivery, young orchard, close to good school and church; first-class neighborhood; nine miles to Monticello, 7 miles from Wilmar. My price of \$50 per acre. I will include team of horses, 2 milch cows, 9 head of calves, farming tools and buggy. C. C. Walker, Monticello, Ark., R. F. D. No. 4.

Four Hundred Twenty Acres, which lays along the Caddo River about half way between Glenwood and Caddo Gap. 280 acres cleared and in cultivation; 4 sets of houses, and about 10 miles wire fencing; price \$9,000. M. G. Gibbs, Glenwood, Ark.

For Sale—112 1-2 acres in Van Buren County, about 80 acres in cultivation, balance timber; house, barn, out buildings, two wells; 10 acres young peach and apple orchards, bearing fruit; ideal land for general farming. Priced right. For further information, write L. E. Hayes, Shirley, Ark. R. F. D. 2.

Conway County Farm, 40 acres; 30 acres

in cultivation, balance in timber and pasture. Four-room house, good barn and out-buildings, good well of water; 5 miles south of Morrilton. J. H. Anderson, R. 1, Perry, Ark.

Randolph County Farm, 58 1-2 acres, 56 acres in cultivation, 3-4 mile to railroad station, 5 miles to county seat, 30 acres in corn, 6 acres in cotton, 6 acres in peas, balance in timothy and clover. Will sell farm, with crops, teams and tools, or sell separate. Joseph Dachs, Debow, Ark.

Forty Acres of Land, 35 acres tillable, in county of Cleburne. Four-room house, good well, small double barn, poultry house, apple, peach and pear orchard; 20 acres in cultivation, good wire fence, the remainder in pasture with heavy three-wire fence, near a good village and school. Price for quick sale \$700. M. D. Finch, Drasco, Ark.

Will Exchange Acre Property, one mile from St. Paul, Minn., for property near Bentonville, Ark., or for personal property. W. A. Willard, Shady Home Farm, Bentonville, Ark.

ARKANSAS GROWERS SELECT CANTALOUPE SEED.

Home selection has been started with cantaloupe seed (Pollock 10-25) in Sevier county, Arkansas. The coming season will be the third year of the demonstration. The cantaloupes were selected from vigorous plants bearing small melons which ripened early. Seed was taken from only those melons that had small cavities.

The commercial crop of the state is produced largely in Hempstead, Clark, Little River, Nevada, Sevier, Crawford, Craighead and Mississippi counties, and the acreage in these counties has increased rapidly during recent years, with more or less variation due to seasonal conditions, such as excessive rains, etc. The soils of this state, especially of the southwestern section, produce cantaloupes of superior flavor and shipping qualities. Owing to the short season the returns are realized in a much shorter time after planting than on other crops.

THE FARMERS MARKET.

Open retail markets constitute the simplest and least expensively operated of all types of public markets. In its simplest form a market of this type may be merely a designated length of curb, a section of a broad street, or a vacant lot, where, under slight supervision, farmers may group their wagons and sell to consumers.

In its highest development such a market may consist of a paved tract with raised walls covered with substantial sheds to protect teams, wares, buyers, and sellers from the weather. The shed may even be of a type that in bad weather may be made practically into an inclosed building by the use of rolling doors. A few cities have erected sheds along street curbs for the protection of open markets, but for the most part curb markets are unprotected and sheds are constructed only in markets situated on special market tracts.

THE MORGAN HORSE.

The U. S. Department of Agriculture has attempted the task of restoring the famous Morgan breed of horses to its former place of honor in this country which was lost many years ago through neglect of the admirers of the breed to adhere to well known principles of breeding. As a result of fads and fancies which would come and go in quick succession, the breeders departed from the standard that was characteristic of the breed in its early history and in their attempt to follow the will o' the wisp, these fine horses were indiscriminately mated and as a result disaster soon followed.

At the government breeding farms in Vermont some of the best Morgan blood in the country has been collected and the government authorities hope to restore the breed for the benefit of the entire country. The Morgan horse in its great days was noted for trotting and for endurance. Endurance was its outstanding quality. That this quality is still inherent in the few Morgans now left is shown by the record made by a gelding in 1919. This horse outclassed 17 competitors in an endurance test in which he traveled 300 miles in 51 hours and 38 minutes and carried a burden on his back which weighed 245 pounds.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4. No. 8

LITTLE ROCK, ARKANSAS

August, 1922

Arkansas Has Promise of 1,125,000-Bale Cotton Crop Despite Boll Weevil in Sixty-Nine Counties

TO DETERMINE how much of the State of Arkansas is infested with the boll weevil, the Federal-State Crop Reporting Service, composed of Jim G. Ferguson, State Commissioner, and Charles S. Bouton, Federal Statistician, has made a survey of the cotton territory. Inquiries were also made as to what methods were being practiced and found most effective in combatting the pest.

This survey has revealed that of the sixty-nine counties which produce cotton in the State, sixty-seven have boll weevil present, Marion and Clay counties being the only two cotton-producing counties in which the weevil is not reported. Both of these counties are on the extreme northern border of the State. Counties which have the weevil for the first time this year are Baxter, Fulton, Randolph and Greene.

Commenting on the report, J. E. Stevenson, State Statistician, states that out of 1,045 reports received from every county in the State's cotton belt, 822, or 79 per cent, report boll weevil infestation to a greater or less degree. Quite a few reporters indicate a spotted infestation. From the most infested areas there were occasional reports which showed no sign of the pest. Probably as much as 70 per cent of the entire cotton acreage in the State is infested with a damage up to date of 8 to 10 per cent.

The degree of infestation varies considerably. The Northern and Northeastern counties are least affected, ranging from 1 to 5 per cent, while some of the reporters in Southwestern Arkansas report as high as 60 per cent. Most all of the Southern counties range from 5 to 25 per cent infestation, the degree lessening in a northern direction. Excepting Central-Western Arkansas, especially the counties of Sebastian, Franklin, Crawford, Logan, Yell, Conway, Pope and Faulkner, where dry hot weather has been destructive to the boll weevil, weather conditions have been altogether favorable for the spread of the pest. This is decidedly the case with all counties in the Eastern part of the State.

In reply to the inquiry, "What methods are being practiced and found most successful in combatting the boll weevil?" a wide variation of methods were received. Of the 822 correspondents reporting boll weevil, 296 (36.1 per cent) reported no method of combatting.

217 (26.4 per cent), reported constant cultivation only.

203 (25.3 per cent), reported picking up squares and burning.

BOLL-WEEVIL FIRING LINE STEADILY ADVANCES NORTHWARD OVER COTTON AREA



Only Two Counties, Clay and Marion, Report Absence of the Cotton-Destroying Insect.

61 (7.4 per cent), using the Calcium Arsenate spray.

40 (4.8 per cent), using other methods, viz.:

9 treating with other poisons and mixtures, such as (a) oil, turpentine and Paris Green; (b) sulphur and molasses; (c) Paris Green; (d) oil alone.

3 dragging with oil sacks, between rows.

7 dragging with sacks, logs, etc., to cover with dust.

3 catching the weevil themselves and destroying.

4 making light on scaffold at night and thus burning on contact.

10 using different patent catchers.

4 using lights, screens, with oil catchers.

One report was received from Pike county which suggests that a natural enemy of the weevil may have been found, "Ants are eating the larvae." This reporter states that because of this there would be very little damage from weevil.

The condition of the growing crop of cotton in Arkansas on July 25 is reported as 81 per cent of normal by the Federal-State Crop Reporting Service. This is an improvement of 1 per cent over that reported on June 25, 5 per cent better than May 25, and

compares to 76 per cent, that reported on July 25, one year ago.

A condition of 81 per cent forecasts a lint yield per acre of 188½ pounds and a total production of 1,125,000 bales. This would be a crop of 328,737 bales more than 1921 and one which compares favorably to our crop of 1920 with 1,215,558 bales. The final outturn may be larger or smaller than the amount indicated, depending upon conditions which change for the better or worse during the growing season.

For the United States, a crop of 11,449,000 bales is forecasted, based on a condition figure on July 25, of 70.8 per cent. This figure is a decline of .4 from one month ago, which was 71.2 per cent.

Weather throughout the month of July has been generally favorable for the growth of cotton and the fields are clean and unusually well cultivated, while the plants are vigorous and healthy. Complaints of too much weed were quite numerous from Northeastern counties, where there has been more rain than was needed.

Shedding is not unusually heavy for this time of the year, being largely confined to Eastern counties; however, if dry weather continues much longer in Western Arkansas, much shedding will occur.

Fruiting is at least on par with this time last year, and where conditions have been favorable bolls are large and plentiful. In several Southern counties open bolls have been reported.

Besides the boll weevil depredations, very few other pests and diseases have been reported. There are only two reports of army worms, one of sharpshooter, and one each of blight, rust and wilt.

HOW TICKS AFFECT CATTLE PRICES

A comparison of the prices quoted on the various classes of cattle from the tick free area and those from the quarantined areas of Arkansas on the St. Louis market discloses that during a particular period the difference on the minimum prices averages 61cts a 100, and on the maximum \$2.89 a 100 in favor of the cattle from the tick free areas. For the purpose of this report a \$1.00 a 100 difference in favor of the tick free cattle will be taken. There are in the tick free counties of Arkansas 198,348 beef cattle. Assuming that at maturity these cattle average 800 pounds a head, this would give an added value of \$8.00 a head, or a combined increased value of beef cattle in the tick free area, due to tick eradication, of \$1,587,084.

The average production in gallons for each cow in eight tick free counties selected in various parts of the state is 214 gallons, while the average production for a cow in eight tick infested counties is 106 gallons a year, thus, making an average difference in production of 108 gallons a year a cow. The average wholesale price during the past twelve months for milk is 36 cents a gallon, thus making a difference in the financial returns from each cow of \$38.88 a year. The records disclose 359,341 dairy cattle in the tick free areas of Arkansas, and the value of the extra quantity of milk produced under tick free conditions would add \$14,373,640 to the value of the dairy production in the tick free areas of Arkansas annually. These figures are based on 1919 United States Census Report.

A comparison of the average prevailing price for milk cows in twelve tick free counties with the average prevailing price for dairy cows in twelve tick infested counties shows that the cows in the tick free area have an average value of \$31.25, and those in the tick infested areas have an average value of \$20.75, in accordance with prices recorded by Charles S. Bouton, Agricultural Statistician, about January 1, 1922.

ARKANSAS FARM AND MARKETING BULLETIN

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JIM G. FERGUSON, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange columns, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Dairymen in the vicinity of Jonesboro have organized a co-operative creamery association, acquired a building and installed machinery for pasturization of milk. The association will sell dairy products at retail. Practically all dairymen around Jonesboro are members of the association.

Sevier County, Arkansas, shipped last year, 1921, 448 carloads of cantaloupes, 140 carloads of strawberries, 60 carloads of sweet potatoes, 17 carloads of cucumbers, 11 carloads of radishes, 10 carloads of beans, 7 carloads of hickory nuts and 5 carloads of holly, which is going some. The crops of 1922 in quantity will probably exceed the yield of 1921.

At a recent sale of shorthorn cattle in Chicago, an average price of \$311 per head was established by 209 pure bred cattle from fifty-six different herds. Buyers came from as far north as Minnesota, as far west as Nebraska, as far east as Virginia and as far south as Alabama. Females average \$319 and bulls \$285. The grand champion bull of the show, Supreme Knight was purchased for \$2,600; the grand champion female brought \$1,225. Others were sold respectively for \$1,025, \$960, \$700 and \$410.

Between 15 and 20 carloads of cattle will be shipped cooperatively from Hot Spring county during the last two weeks of July and the month of August. Because Hot Spring county has no tick eradication law and the quarantine against tick-infested cattle becomes effective September 1, all cattle must be shipped before September 1.

During the past sixty days 100 farmers from the vicinities of Washington, Columbus, De Ann, Emmett, Blevins, Jackajones, Fulton, Patmos, Bodcaw and Hope have participated in the cooperative marketing of four cars of hogs, on which they have realized a saving of \$2,000 above what they would have received had they sold locally. These shipments were made to the Producers' Livestock Commission Association, National Stock Yards, Illinois. This is a new cooperative marketing agency established by the American Farm Bureau Federation.

COTTON RATES REDUCED.

The proposed increase in cotton shipping rates between Memphis and New Orleans and Memphis and Boston will not take effect, inasmuch as

the Interstate Commerce Commission has fixed a new rate as follows:

The rate from Memphis to New Orleans is 76½ cents per hundred pounds instead of 90 cents as proposed by the railroads, and the rate from Memphis to Boston is 102½ cents per hundred pounds instead of 137 cents.

HEAVY YIELD OF OATS.

F. J. Krshka and son, Emil, threshed a field of oats last week that yielded an average of 60 bushels to the acre. Mr. Krshka is one of the most prosperous and up-to-date farmers in this section of the state. He owns a fine farm near Hazen, where he has resided for a number of years. He also has a modern home with all conveniences that are necessary to the comfort of his family.

The place is equipped with large and commodious barns, granaries, and other outbuildings sufficient to meet the demands of his agricultural pursuits. Mr. Krshka and his son raised a small tract of wheat that yielded more than 18 bushels per acre.

BENTON COUNTY DAIRYMEN FORM NEW ORGANIZATION.

Dairymen in Benton county have formed a new selling organization. Dr. J. H. Lindsey of Bentonville is temporary Chairman and J. F. McGinley is acting Secretary.

Signatures representing the ownership of over 800 milk cows have been secured. Since only 600 cows are necessary to complete the organization, success is assured. The organization is formed for the purpose of marketing dairy products co-operatively and also for the purpose of advancing the interests of the dairy industry along all lines.

Two hundred cows are signed up in the vicinity of Bentonville; 250 around Rogers; 100 around Centerton, and 100 around Gentry and Highfill. The business men have shown great interest in the new organization which promises much for better farming in Benton county.

COTTON REPORT.

The area of cotton under cultivation on June 25 was 34,852,000 acres, according to the estimate made by the U. S. Department of Agriculture on July 3. This area is 3,174,000 acres larger than the revised estimate of the 1921 acreage for the same date—31,678,000 acres—thus representing a gain over 1921 of about 10%.

The condition of the cotton crop on June 25 was estimated to be 71.2% of normal, compared with 69.6% on June 1, and with 69.2% on July 1, 1921. The total production of cotton was forecast at 11,065,000 bales of 500 lbs. each, gross weight, the yield per acre

being estimated at 151.9 lbs. The final outturn, of course, may be larger or smaller, according to the conditions which may develop during the remainder of the season.

This year's estimated production of 11,065,000 bales represents an increase of 3,111,359 bales over the 1921 production of 7,953,641 bales, but is below the 1920, the 1919, and the 1918 productions which stood at 13,439,603 bales, 11,420,763 bales, and 12,040,532 bales, respectively.

BERRY MEN COOPERATE.

Strawberry growers of the Bald Knob, White county, section have seen the advantages of the cooperative plan of selling, and now plan to go a step farther and do much of their buying collectively. A total of 18 associations of the district are forming plans for closer working agreements; especially in buying their supplies for handling next year's berry crop.

The berry men expect to need at least 500,000 crates to handle the 1923 crop, and a move has been started to place the combined order early, in order to give the factory filling it a chance to operate during the dull season. The growers believe they can effect a considerable saving by combining and placing all the business with one firm early, instead of waiting until next spring and then having the many associations compete with one another when placing orders.

POULTRY IN NORTHWEST ARKANSAS.

The poultry business in Clay County is fast developing and bringing about many new bank accounts for its people. Since the first of the year, there have been poultry and eggs shipped from Rector, alone, which total over \$45,000.00 in receipts, to say nothing of the amount consumed at home.

On May 19, the Clay County Poultry Breeders' Association was organized at Rector, with the following officers elected: J. C. Rogers, of the Bank of Rector, president; Dr. E. F. Yeldell, vice-president; Dr. G. C. Jer-nigan, secretary. H. B. Lansden, poultry specialist of the U. S. Department of Agriculture, University of Arkansas, presided over the meeting, and great results are anticipated. The Bank of Rector is distributing poultry booklets and in other ways is offering encouragement on the subject.

PULASKI COUNTY MAN PROPAGATES A NEW BLACKBERRY.

Mr. H. M. Cheek, 211 W. 6th St., Little Rock, Ark., has developed during the last eight years on his farm at Ferndale, Ark., a new variety of blackberry, which he has named Jumbo. The outstanding feature of this new blackberry is that it is frost-resistant. Mr. Cheek has grown Jumbo successfully for the past six years. He says there is no such thing as failure of this berry to produce every year. It is early or late bearing depending on whether the first blooms are killed by early frosts or not. A specimen of it on exhibition in the State Agricultural Museum, which was put up July 20, has all the appearance of the June Blackberry. Mr. Cheek has a few plants of his newly propagated blackberry for sale at 25 cents each.

TREND OF FARM PRICES.

The level of prices paid producers for the principal farm crops decreased about 1.5% during June. In the past 10 years the price level decreased about 1.2% during June. On July 1 the index figure of prices was about 11.9% higher than a year ago. 60.9% lower than two years ago, and 29.8% lower than the average of the past 10 years on July 1.

The prices of meat animals—hogs, cattle, sheep, and chickens—to producers increased 1.1% from May 15 to June 15. In the past 10 years prices decreased in like period 1.2%. On June 15 the index figure of

prices for these meat animals was about 14.6% higher than a year ago, 32.0% lower than two years ago, and 12.3% lower than the average of the past 10 years on June 15.

LIVESTOCK SHIPMENTS INCREASE.

More hogs were received and slaughtered at the 67 public markets during June this year than in any June since the Department of Agriculture began compiling stockyard statistics in 1916. Receipts were 7.6% greater than in June, 1921, and 12.2% greater than the 5-year June average.

A new June record was also established for shipments of stocker and feeder hogs, the percentage increase being 71.2 over June a year ago and 40.8 over the 5-year June average. The increase in the June receipts and shipments, however, was not sufficient to raise the totals for the half year to the equivalent of those for similar periods of the preceding years. The receipts for the first six months were the second smallest for that period for the last eight years or 1.6% less than the 5-year average. The number slaughtered during the half year was the smallest on record for the period covered.

A new record was also established for June in both receipts and stocker and feeder shipments of calves, the receipts being exceeded only twice in any month since 1920, when the department began reporting calves separately from cattle. The movement of calves both to and from market has been unusually heavy this year and the totals for the first six months are larger than for any corresponding period during the last three years. It is gratifying to note the large percentage increase in stocker and feeder shipments of calves in comparison with a much smaller increase in calf slaughter. Shipments for June were 166% greater than in June, 1921, and for the half year 133% greater than during the corresponding period last year.

June receipts of cattle and calves combined were the second largest since November, being exceeded by those of May only. They were less, however, than the June receipts in 1918, 1919, or 1920. Local slaughter has been exceeded only twice in the last 18 months, and with the exception of the slaughter for May was greater than in any month since last October.

PEANUTS SCARCE.

Trading in peanuts during the first week in July was generally quiet, largely because of holiday inactivity. The demand for jumbos and No. 1 Virginias, which was active early in June, showed a big decrease during the last of the month. Fancy also continued weak. Prices of shell peanuts from all sections of the country were firm to strong early in July.

The supply of Spanish peanuts is very light in the three main producing sections of the country, and many large operators forecast a shortage of supplies before the new crop comes on. Practically no farmers' goods are available now in either the Southeast or Southwest, and the few Spanish peanuts still remaining on the farms in Georgia or Alabama are being held for higher prices.

A number of plants, especially in southeastern and southwestern producing areas, have already milled all their farmers' grade peanuts, have finished their orders for the finished products, and are now shut down for the season.

Committees from the Rotary Club and the Chamber of Commerce, of Stuttgart, and the Executive Board of the Arkansas Rice Growers Co-operative Association held a joint meeting recently, to outline definite plans for securing the Rice Experiment Station for the Arkansas Rice Belt.

FARMS FOR SALE

A Bargain Farm in Drew County—235 acres. Fine for general farming or stock raising. Some good timber; green pasture practically all year. Must sell or trade. Walter Sheffield, Wilmar, Ark.

Newton County Farm—40 acres; 8 acres in cultivation, fenced with rails; balance cut-over. Some bearing fruit trees, and grove of walnut trees. Road runs through place; three miles to Jefferson highway; \$8 per acre, one-half down, balance on easy terms. S. C. Boone, Nail, Ark.

Two Sebastian County Farms—Near Oklahoma line; 160 acres in one; 120 acres in the other. Good improvements, practically new, good water, good orchards; close to market, schools and church. Part cash payment; balance easy terms. John W. Tyler, R. 1, Box 54, Hartford, Ark.

One Hundred Sixty Acres—Secondary bottom land; close in; good improvements. Priced right; cash or terms. L. F. M., B. 14, Haskell, Ark.

Seventy-five Acre Farm—In Faulkner county, 15 miles north of Little Rock, and one mile of Cato; 35 acres in cultivation; 20 acres in pasture; balance in timber; 1 acre in strawberries, a small orchard; good improvements; good seven-room house with 4½ lots, 50 x 150 feet each, and 10 acres of land in Cato. Will sell all together or separately. Will sell live stock and tools. A. C. Brown, Cato, Ark.

Forty Acre Farm—Three miles of Texarkana. Good four-room house, plenty of out-buildings; near school and church and excellent market. On good road. Good water. Price \$2,750; \$1,250 down, balance easy terms. W. S. Cooper, R. 7, Box 107, Texarkana, Ark.

One Hundred and Twenty Acres of cut-over land; about eight miles from railroad town. Healthy location. Price \$600. W. S. Halliburton, Route 1, Box 1, Armstrong, Springs, Ark.

Twenty Acre Fruit Farm—400 fruit trees; one acre in berries. Cow and hog pasture; fine place to raise chickens. Three-room house, two springs on place; plenty of wood; one mile from Ola. D. W. Loudensack, Ola, Ark.

Two White County Farms—40 acres well improved; fenced and cross-fenced. Slightly rolling land, all in cultivation; no hills, rocks or overflow; good clay soil, plenty soft water. Nice six-room house and out-buildings. Six acres strawberries and family orchard. On public highway, 1½ miles of Beebe. Ellis Sands, Route 2, Beebe, Ark.

80 Acres Unimproved—12 acres cleared; good level land; 1½ miles of Beebe. Ellis Sands, Route 2, Beebe, Ark.

215 Acres in North Baxter County—Partially improved, on good road; close to school; 2½ miles south of Howard. Good land; timber, water, and out-range. Owing to old age and lack of help, owner will sell at bargain. Also 60 acres in south part of county near railroad, on easy terms. M. T. Allman, Gassville, Ark.

Farm in White County—Five miles north of Judsonia, the strawberry center; 240 acres with approximately 200 acres cleared. Fine spring on farm; a good house. Inquire John A. Best, Receiver, Judsonia, Ark., or Brundidge & Neelley, Attorneys, Searcy, Ark.

Sixty Acre Farm—Five miles from Harrison. About 14 acres in apple orchard. Makes good fruit and poultry farm. Small house and barn; eastern and small spring. D. F. Wolin, Harrison, Ark.

Prairie County Farm—130 acres at \$40 per acre. One four-room house and one three-room house; good improvements; one-half mile to school, churches and village. Curt Smith, Hickory Plains, Ark.

In the Heart of the Ozarks—190 acre farm, 4 miles north of Arlberg; 60 acres fenced; 40 acres in cultivation; 100 acres can be cultivated; balance valuable for timber, stone and pasture; 150 peach and apple trees; other fruits; fine garden, five-room house; cellar and outhouses; four springs and a well; about 75,000 feet saw pine; oak, hickory and other timber. Located half a mile east of county road; near school. Good strong mountain land. Price \$1,500; \$1,000 cash, balance to suit purchaser. N. G. Sides, Arlberg, Ark.

Forty Acre Farm—Three room house, barn, smoke house, hen house. Well in yard; 45 fruit trees. Land all under good wire fence; 20 acres in cultivation; near good school, church and town; on mail route. Will sell cheap for cash. J. C. Cox, Amity, Ark.

Independence County Farm—With stock and tools; 92 acres; 60 acres in pasture, 15 in cultivation; plenty of wood; three-room house, barn, hen house, and sweet potato curing house. Plenty of water; 20 head of cattle; 10 head of hogs; one team of mares, wagon; mow and rake and plows. All for \$2,000. G. A. Parks, Jamestown, Ark.

Montgomery County Farm—160 acres; 100 acres in cultivation, and meadow. Two sets of buildings, in good repair; several fine springs; 110 acres under good wire fence; orchard, good range. Farm will grow corn, cotton and hay; all other crops do well. Price, \$4,000; 1 mile to school, 8 miles to Womble, on Menard and Womble roads. Would sell stock and farm implements with place. R. O. Beebe, Black Springs, Ark.

A Well Improved Farm—11 acres in Hiwassee, Benton county, 2 acres in fruit. Good house, barn and other out-buildings. Well in yard. Priced to sell. G. W. Oaks, Bentonville, Ark.

Four Hundred Eighty Acres, about half in cultivation; located on good road six miles from Marianna. Six sets of improvements. Soil rich, level sandy loam, well drained; no question. A sacrifice at \$50 per acre. R. L. Hope, Marianna, Ark.

151 Acres Upland Farm—Fifteen miles from Hot Springs, on Hot Springs and Amity road; 35 acres in cultivation, under fence. Two houses; two barns; good well of water. About 100 fruit trees and plum thicket. Free range; ideal for poultry. A. C. Hanson, Percy, Ark.

160 Acres in Newton County—Northwest Arkansas; part bottom and part upland; 20 acres in cultivation; plenty of oak, hickory and timber land; nice fruit trees, good water and good range; 3-room house, with back house and small barn. One mile to good school settlement; 1½ miles from Bailey; 20 miles from Jasper. Will sell cheap or trade. W. R. Sparks, Waldron, Ark.

Two Farms—One, 37 acres, 3½ miles south of Rogers, on good road. Has about 300 apple trees and some peach trees; one acre of grapes; 10 acres of corn; some millet. Good water; one-half mile to school. Price \$5,000. The other, 69 acres, 2½ miles south of Rogers. Has about 300 apple trees, one acre grapes, one-half acre strawberries; good grass. Price \$6,000; \$3,500 down. Must sell in thirty days. W. V. Debord, Rogers, Ark.

Two Thousand Acre Ranch—Five sets of buildings; home orchards; stock farm machinery; crops, hay and grain. Cheap. Healthy location; lots of spring water; free range; good grazing all year in north Arkansas. Ony Ware, Brewer, Ark.

80 Acres Fruit and Grain Land—About half bottom. Located in Benton county. Fruit and other crops go with place. B. D. Darby, Route 2, Rogers, Ark.

Two Benton County Farms—100 acres; 36 in cultivation. Some alfalfa and clover; family orchard; spring water. Four-room house, two chicken houses, barn, garage and wagon shed, tool house and hog shed; fenced and cross fenced; near school and church; \$40 per acre. Also 525 acres joining above tract in timber, pasture; \$13.00 per acre. Abundance of spring water and fenced. Will sell both tracts together or separately, or will cut up large tract to suit purchaser and price accordingly. Will also take part trade on suburban property. O. M. McCallfree, Sulphur Springs, Ark.

240 Acres in the Ozarks—Benton county fine fruit land, in the apple and grape section of Arkansas. About ninety acres in cultivation, balance good timber. Five miles from railroad, one mile from school. Spring water, good stock farm. Land belongs to heirs, and for quick sale will take \$15 per acre. Geo. W. Vansandt, Garfield, Ark.

80 Acre Farm—40 acres in cultivation, balance in timber and pasture. Crops, cotton, corn and hay; small orchard and good spring of water in yard. Good four-room house, small barn and other out-buildings. One mile of town and good high school; 6 head of cattle, one span of mules, one good brood mare; wagon and all farming tools, cultivator, mow and rake. Will sell farm, crop and everything on farm, or farm alone. Price for all, \$2,000, cash or on terms. John Ashley, Cave City, Ark.

One Hundred and Twenty Acres in Conway County—Good upland farm, good stock and poultry land, good house and barn. Daily mail. M. P. Mehan, De Branch, Ark.

80 Acres for Rent in 1923—Improved creek bottom land. Southwest corner of White county. Wm. Enteline, Route 5, Vilonia, Ark.

314 Acre Stock Farm—125 acres fenced; 75 acres in cultivation, 200 acres can be cultivated; balance good pasture land; one six-room house, one two-room house, good barn and other out-buildings. Plenty of good water. Located 2½ miles from railroad town, with good school and churches. Bargain. C. J. Wilson, Box 142, Womble, Ark.

Hillcrest Farm—Nice suburban home; 45 acres. Electric lights, telephone and other improvements. Good land; one well and two big springs. Ideal for poultry, hogs and fruit. Located just out of Benton, Ark. Price \$9,000, cash or terms. R. H. Burns, R. F. D. 1, Benton, Ark.

400 Acres—12 miles west of Gillham, Ark. in McCurtain County, Okla.; 300 acres fenced; 170 in cultivation. Eight-room two-story residence, fine barn, 6 tenant houses, with out-buildings. Place well-watered; fine cattle ranch and fine range. Price \$12,000, with this year's present crop, if bought soon. There is a \$3,500 lien on the place; 10 years' time, balance cash. J. J. Roberson, Gillham, Ark.

280 Acre Stock and Hay Farm—130 acres in Leaspeza, 130 acres pasture. Timber, corn and cotton. Farm fenced with woven wire. Good buildings; mules, stock, farm and hay tools; near town and railroad. Good community, good schools and churches. Will sell all, or farm alone. Low price, easy terms for early sale. Mrs. Kate Culp, Wilmot, Ark.

80 Acres in Faulkner County—55 acres cleared; fine pasture, spring watered. Four-room house and out-buildings; near school and churches. Priced for the next sixty days at \$1,700 and a bargain. F. C. Thomas, R. F. D. 1, Box 12, Quitman, Ark.

Eighty Acre Farm—Level land, all fenced; 40 acres cleared; 40 in pasture. Five room house, large barn; store building; two wells. On four public roads at railroad station. Five miles county seat; \$2,500, terms, or will lease for five years. W. A. Smith, R. 15, Lewisville, Ark.

One Hundred Eighty Nine Acre Farm—Including stock and crops; level valley land; no rocks, 100 acres cleared. H. A. Wilson, Heler Springs, Ark.

White River Bottom Land—About 133 acres, 15 acres fenced and in cultivation. Located four miles from Russell, on the Missouri Pacific Railroad. Has made 1½ bales of cotton per acre, and makes from 75 to 80 bushels of corn. Will sell or trade. Price \$15 per acre. H. McCready, Russell, Ark.

Clark County Upland Farm—160 acres; 60 acres in cultivation; 30 acres pasture land; remainder timbered with oak, pine and gum; durable fencing; four-room house, 2 wells; outhouses, garden and home orchard. Tenant home. One stock pond on farm. Location is nine miles east of Amity, 21 miles from Arkadelphia. Near school and church; 1 mile from P. O. Fine for trucking, orchard, or general farming. A real bargain at \$2,500. O. E. Callaway, Amity, Ark.

Truck and Poultry Farm—65 acres; 30 acres in cultivation; 8 acres wild grass pasture; remainder in oak and hickory; good for pasture or farming if cleared. On public road, 3 miles from railroad station. Four-room house, barn, well and spring; small blacksmith shop, and outbuildings, garden; wagon, team of mules; 1 good mare, large flock of white leghorn chickens; 3 hogs, 3 cows, good farm tools and plows. All equipment and farm can be bought for \$7,500. O. E. Callaway, Amity, Ark.

One Hundred Acre Farm in Carroll county; 25 acres in cultivation; 75 in timber. Located at Osage. Fine spring water; 150 fruit trees; \$8 per acre. G. A. Fredrick, Brentwood, Ark.

Eighty Acres Land—Part in cultivation. Will sell all with stock, tools and poultry for \$2,500. Also 75 acres cut over timber land, \$1,000. J. E. Wright, Bonnerdale, Ark.

Forty Acre Farm—2½ miles from town; 15 acres of strawberries; 12 acres bearing orchard; 10 acres of young apple trees; 85 peach trees; three acres of grapes. Five-room house; good barn; fruit storage; cellar; chicken house, etc. Price and terms on request. E. Gary, Route 3, Springdale, Ark.

Berry Farm—Located at Gillham, Ark. For further information write W. R. Whitener, Gillham, Ark.

Farm in Scott County—160 acres. Three-room house; good spring water and orchard. Ideal stock and poultry farm, located 8 miles east of county seat, 1½ miles to good school. On mail route and public road. Price if taken at once, \$12,500 per acre, with half down and terms to suit on balance. Must sell at once. Jesse Henry, Hackett, Ark.

105 Acre Farm—On Jefferson Highway, half a mile from Woolsey, or Pitkin, P. O.; 2½ miles from West Fork, 12 miles from Fayetteville; 40 acres in cultivation; 20 acres in pasture; 20 acres in timbered pasture; 20 in good timber; all fenced with hog wire. Remaining 5 acres occupied by buildings, gardens, and small orchard; 14 acres of cultivated land set to berries and grapes; remainder is meadow. A six-room house, large barn, and other buildings. Two wells, two springs. A blue grass lawn with flowers and shrubbery. Farm is bounded on one side by the west fork of White River. Price \$12,000. Henry Smith, Pitkin, Ark.

90 Acre Farm in foothills of Ozarks in Crawford county. Level land; one mile to high school; 3½ miles to railroad town. About 200 barred rock chickens; good cow; pure bred Jersey heifer; 2 milk goats; good mare; stock, tools, hay; 1½ acres in berries. All for \$2,700. Mrs. J. E. Adams, R. F. D. 5, Alma, Ark.

120 Acre Farm—1½ miles north of Rudy, Ark. Growing crop; one-half in cotton, peanuts, cane and Irish potatoes; 1 acre in vegetables; 6 cows, 4 heifers, 5 calves, 1 bull, all Jersey stock. Four big bone Poland China sows hied; team of young Percheron mares, harness, new wagon; farm implements; poultry. Six-room house; rock spring and smoke house. Price \$2,300 cash. L. A. Deden, R. 2, Rudy, Ark.

One Hundred Thirty-Six Acres—Seventeen miles northwest of Hot Springs, near Cedar Glades; 55 acres in cultivation; nearly all fenced. Also 60 acres. Can only make a quit claim deed to 35 acres in pasture. Two sets of buildings. Will sell 80 acres separately, 15 acres cleared; all fenced, 4-room house, good barn. W. S. Noles, Cedar Glades, Ark.

Craighead County Farm—80 acres, well-improved; good house, barn, wire fencing and good well of water. Seven miles from Jonesboro, county seat. Price \$2,000. W. E. Henson, Route 1, Box 112-A, Jonesboro, Ark.

Newton County Farm—For sale or trade. Four acres in cultivation, rest in timber. Healthy location. Good school, post office. Price \$2,500. Geo. V. Warner, Devils Knob, Ark.

Sharp County Farm—220 Acres; 20 acres

in cultivation; 25 acres more that can be cultivated. All crops do well; corn and hay in particular. Small creek runs through place; two living springs. Five room house and tenant house and barn. Close to school and church. For sale or exchange; \$10 per acre. Frank Halt, King Mills, Ark.

Forty Acres of Timber Land in Ozark county, Mo., near Arkansas line. Very cheap. F. M. Brinegar, Hiwassee, Ark.

Twenty Acres Timber Land—Nearly all could be cultivated. Fine range; healthy location. Would trade for car. Hubert Criner, Mt. Judea, Ark.

Twenty Acres two miles east of Sheridan, on Pine Bluff pike, one mile from school and church. Good log house and outhouses. Good garden and well. Six acres under new woven wire, three acres cleared. An ideal place for truck gardening and the making of the prettiest place in the country. Price \$1,200. Will trade for 10 acres cleared close to Little Rock or Fort Smith, or will take good Ford runabout in deal. E. G. Gossett, Sheridan, Ark.

Forty Acres Well-Improved Farm Land, and 20 acres good farm land in Van Buren county; also 20 acres in Perry county, with new bungalow house, outhouses and orchard; convenient to good range; near school, postoffice and store. R. A. Gentry, Deberrie, Ark.

Would like to rent a small farm of 20 or 30 acres, with a four- or five-room house on it, close to berry farm. Can furnish eight or ten pickers, or share work. E. Lindsey, Route 2, Box 8, Quitman, Ark.

Benton County Farm—30 acres; small orchard, good six-room house and other buildings; good deep well. On No. 6 highway, five miles west of Bentonville. Will sell or trade. J. M. G'pple, Route 3, Bentonville, Ark.

Eighty Acre Farm—About 30 acres in cultivation; ten in pasture. Three-room house, and outhouses; two wells; good peach orchard; near railroad, school and good market. Will take \$1,200 for land. Will also sell my 15 head of cattle and two horses. Mr. L. J. Duke, Shawmut, Ark.

Forced Sale—"Walnut Grove Farm," where strikes, blizzards and panics are unknown. If you have a little cash, groceries, or car, all needed. Act quick. Box 15, Williford, Ark.

80 Acre Farm—With two houses and barn, two wells, bearing orchard; 45 acres tillable, balance in timber and pasture. In half a mile of school and near neighbors; handy to free range. A bargain at \$800; terms on part. Possession at any time. C. H. Cobb, Belleville, Ark.

Montgomery County Farm of 188½ acres, near Washita. One good four-room house and outhouses; three wells of pure water; good orchard; about 100 acres in cultivation; 30 acres in Ouachita river bottom, and balance bench land. J. G. McLane, Washita, Ark.

Will Trade 120 Acres for small 30 or 40 acre farm near a good market. The farm and improvements must be worth \$700. Reason for trading, aged owner is not able to handle so large a place. C. B. Calvert, Edgemont, Ark.

One Hundred and Twenty Acres—About 40 in cultivation; balance in timber. Good level land; hog proof fence; 2 acres in strawberries; a nice young orchard; three-room house and good barn. Four miles to Beebe on public road; one mile to school and church. R. E. Williams, Beebe, Ark.

Fifty-Three and a Half Acre Farm, most of which is in city limits of Russellville. Has 575 yards railroad frontage, small orchard and vineyard; about 15 acres fine for truck farming, and the balance fine for hay. About 15 acres of the hay land is in bermuda that will cut close to 100 bales per acre. House, barn and good well of water on place. Ideal for dairy, chickens and truck farming. Will take \$6,000, part terms. J. B. Cooper, Russellville, Ark.

Garland County Farm—155 acres adjoining city of Hot Springs on east, and one mile from Eastman Hotel. Little Rock-Hot Springs Highway runs through this land. Can be served with water, sewerage and gas. Only large tract of land suitable for subdivision, fruit, truck or dairy farm, near this great health resort. R. T. Cook, P. O. Box 215, Hot Springs, Ark.

A Small Upland Farm of 45 acres for \$900, three-fourths of a mile from school and church and one-fourth of a mile from public road, 2 1-2 miles east of Kirby, Ark. E. C. Anderson, Kirby, Ark.

Homeseekers Who Want to Buy Arkansas Farms

P. E. Butler, Harper, Kansas, requests list of agricultural lands for sale in eastern and southern Arkansas.

C. T. Jurgens, Route 2, Mott, N. D., wants to buy a farm in Arkansas, and is especially interested in Franklin and Baxter counties.

R. W. Makutchen and W. H. Makutcheu, Glen Ellyn, Ill., are thinking of purchasing small fruit farms in North Carolina, but may come to Arkansas if convinced that this is a better fruit state.

John Krey, 449 West Fort St., Farmington, Ill., writes for information on agricultural resources of Arkansas.

Mrs. Helen Matson, Box 93, Almont, N. D., wants from 80 to 160 acres of good cheap land in northwest Arkansas, not more than seven miles from good market for all kinds of purebred and fancy poultry, other dressed livestock and vegetables. She does not care so much about the buildings, but wants the land under good fences. She also wants to know what can be raised on the land, what implements can be used, and what wages must be paid to day laborers.

J. D. Allison, Appleton, Ark., wants to locate near Siloam Springs, in Benton county.

T. C. Hughes, East Vaughn, N. M., asks about crops in Arkansas. He is interested in the state and its products.

F. Daniels, Box 405, Seymour, Wis., expects to move to Arkansas this fall and requests information regarding the state.

J. F. Day, General Delivery, Hot Springs, Ark., wants to purchase a small village farm suitable for poultry, hogs and grain raising; close to railroad.

W. E. Emerick, Olton, Texas, is interested in Arkansas, and wants to buy a farm in this state.

Geo. W. Hale, Winchester, Idaho, inquires about price of land, crops raised and wants general information on agricultural resources of South Central Arkansas.

E. H. Bear, 6926 S3rd St., S. E., Portland, Ore., asks about land prices in Arkansas.

H. F. Shaw, Wilson, Kan., wants to establish a stock farm near some good town where there would be a market for milk.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

HOGS FOR SALE

Hampshires, bred gilts and pigs at farmers' prices. W. A. Daniel, Dermott, Ark.
Six-leg pig for sale, at \$100; nine months old. Mrs. Walter Hendrickson, Patrick, Ark.
Big bone, Spotted Polands. Tried sows, sired by best boars. Also March pigs, either sex; prices right. W. S. Millet, Everton, Ark.

Big bone Poland China Hog; one sow three years old; one litter pigs with pedigree; \$25 a pair, or \$10 and \$15 each. Also some male pigs ready for service, \$20 each. A. F. Foster, Center, Ark.

Pure-bred, big bone Poland China male pigs, registered in buyer's name and of very choice breeding. May be had reasonably. Heartsell Burnham, Blaine, Ark.

Poland Chinas for sale. Breeding stock all the time; 24 sows and three boars to select from. FAIRVIEW, Smith-Hughes Club, Leno, Ark.

A number of purebred Duroc Jersey pigs for sale. W. J. Rogers, Branch, Ark.

A herd of Duroc-Jersey hogs; 10 brood sows, two boars, five shoats and 25 pigs. J. J. Hocott, R. F. D., Little Rock, Ark.

A number of purebred Poland China pigs, both sexes, 8 to 10 weeks old, and two sow pigs. Otto Kirkes, Van Buren, Ark.

Poland China gilt, six months old, and two sow pigs. L. F. Eoff, Harrison, Ark.

A number of purebred Poland China pigs. Pigs from several litters which have been nominated for the Futurity Show at the State Fair are offered for sale. Chas. E. Treece, Paragould, Ark.

M. N. Keith, Malvern, Ark., wants a purebred Poland China boar about six months old. Registered Duroc Jersey hogs, two months old pigs \$7.50; gilts and boars \$17 to \$20. L. W. Owens, Route 2, Bingen, Ark.

Hampshire Hogs. Pigs two months old, \$7.50 to \$10. Can furnish sows and boars. Forrest P. Owens, Route 2, Bingen, Ark.

Big Type Poland China pigs, that were sired by one of the finest, largest and best bred sows of Designer, that sold for \$300, out of extra large sows that were sired by a 1100-pound boar. For quick sale, these pigs will be sold at the price of common Polands. Barbee Stock Farm, Monticello, Ark.

CATTLE FOR SALE

One pure bred Shorthorn Durham bull, three years old. Weight about 1000 pounds; price \$75. A bargain. J. R. Stewart, Route 4, Booneville, Ark.

Shorthorn bull calf, dropped April 27, eligible to registry, red in color, priced at \$25 f. o. b. Waldron. Geo. Boeger, Waldron, Ark.

H. E. Dard, Des Arc, Ark., wants a Shorthorn bull ready for service for use on a good grade herd.

Four yearling purebred Holstein bulls for sale. C. C. Cole, Branch, Ark.

One registered Holstein bull calf and several grade Holstein cows. Otto Kirkes, Van Buren, Ark.

Registered Holstein bull, 3½ years old, for \$100, and a six-months' old Holstein bull calf for \$50. J. M. Reynolds, Batesville, Ark.

A mature Jersey bull at \$150. Frank Koenig, Harrison, Ark.

Two purebred Jersey bull calves, six months old. A. L. McCurry, Green Forest, Ark.

J. F. Barnett, Batesville, Ark., wants a good registered Guernsey bull, 12 to 16 months old.

Mrs. N. Sutherland, 103 E. 21st St., Little Rock, Ark., wants several good grade dairy cows.

Pure bred Holstein bulls, some ready for service, and younger. Get my prices before you buy elsewhere. All bulls in good condition. I ship f. o. b. W. W. Stewart, Route 4, Booneville, Ark.

Fine herd grade Hereford cattle with registered bull. 125 head. Twenty-five steers ready to butcher. Price \$3,000. J. T. Chambers, Harwood, Ark.

Registered Jersey bull, 2 years old. Delivered within 200 miles. Papers furnished. Price \$150. W. A. Smithy, Lewisville, Ark.

Five head registered Shorthorn cattle. Papers furnished. One red bull three years old; one red cow nearly nine; one roan cow, five years old; one red heifer one year; one roan heifer four months old; \$300 buys the lot. C. F. Blend, Magazine, Ark.

GOATS

T. R. Reeves, Shirley, Ark., will sell or exchange a few high grade Toggenburg Buck kids for doe kids of the same breed.

D. W. Kirby, M. D., Gurdon, Ark., would like to buy two does and one buck purebred Toggenburg milk goats. Also would like prices on two kids.

SHEEP WANTED

W. M. Reinhardt, Hickory Plains, Ark., wants a registered Shropshire ram ready for service.

W. L. Artbur, Wattensaw, Ark., wants to buy a registered Shropshire ram ready for service.

I want to buy a good, young purebred Shropshire ram. Must be a good individual and good breeder. Give price and age. Jack H. Collar, Route 7, Conway, Ark.

POULTRY

Dark Cornish Indian Game cockerels for sale at \$1.00 each. J. R. Underwood, Womble, Ark.

S. C. Brown Leghorn cockerels, \$1.00 each, or three for \$2.00. J. S. Faubus, Box 21, Combs, Ark.

Four 1922 S. C. White Leghorn cockerels for sale. Write for prices. Mrs. Edith McKee, Route 2, Box 24, Parkdale, Ark.

Allen's Active Ancona cockerels, S. C., \$1.50 each. Eggs \$3 per 50, or \$5 per 100. Guaranteed. Mrs. Avery Allen, Macon, Mo.

Wanted—500 S. C. White Leghorn pullets, 6 weeks to six months old. Advise strain, age, weight, and lowest cash price, f. o. b. your express office. Fain Trading Co., Edinburg, Ga.

VINEYARD

Seven acres of Concord grapes for sale. Will be ripe August 1st. Oland Bush, Route 1, Bentonville, Ark.

SEEDS AND PLANTS FOR SALE

White Spanish peanuts, 4c per pound. Recleaned, 5c per pound. Forrest P. Owens, Bingen, Ark.

Seven top winter turnip seed, 50c per pound. Mrs. Henry Dillard, Route 2, Box 41, Amity, Ark.

Spotted leaf Bur Clover seed, \$1.00 per bu., field run, screened; 20c per pound. W. C. Graydon, Danville, Ark.

Early Speckled Velvet Beans, \$1.50 bu.; soy beans, \$2.75 bu.; mixed peas, \$1.90 bu.; Whippoorwill peas, \$2.00 bu.; Brabham peas, \$2.50 bu.; Iron peas, \$2.50 bu. W. H. Robinson, Cairo, Ga.

FOR SALE OR TRADE MISCELLANEOUS

Flower Seeds and Bulbs. Tiger lilies, Iris, and pink bulbs; double balsams (Touch-Me-Not), all colors. Phlox, mixed colors, large and small; Merigolds, Double Moss, mixed colors; cypress vine, white and red; scarlet sage. Bulbs 25c per dozen. Seeds 5c per package. Mrs. A. B. Chitwood, Fir, Ark.

Giant No. 999 everbearing strawberry plants, \$5.00 per 100. J. S. Faubus, Box 21, Combs, Ark.

Ferrets for rats; priced right. Thos. L. Sellers, New London, Ohio.

For Sale or Trade—Two good Remington typewriters, latest model. Fine condition. Robert Cox, Waldron, Ark.

Will sell outright, place on royalty, or trade my patent for farm or income property. Invention is of interest to every machinist, millman, shop man and farmer. What have you to offer. Full details free. J. W. Shaver, Ben, Ark.

Twenty skunk, mostly sows; 17 short stripe, 3 narrow. Tame and in good condition. Send stamps for reply. W. T. Harris, Bruno, Ark.

Will sell or exchange one 75-ton silo; two piece stave, clear Oregon fir, made by Indiana Silo Co. Also one R 10-in mounted silage cutter. All used one year. C. Powell, Okolona, Ark.

White Oak Cotton pickers' baskets, at 75c each. W. H. Robinson, Cairo, Ga.

Good used Cypress syrup barrels, holding 35 gallons, at \$1.00 each. W. H. Robinson, Cairo, Ga.

WANTED TO BUY—MISCELLANEOUS

Wanted, to buy, a thrashing separator of medium size. Must be in good condition. Also beeswax. M. L. Butch, Gaspara, Ark.

Wanted—Abruzzi rye seed. Harry D. Hogge, Route 1, Box 83, Wilton, Ark.

W. H. Smith, Keener, Ark., wants to buy Early Orange or Red Cross seed wheat and winter turf oats.

Early Speckled Velvet Beans, \$1.75 per bu.; Osceola velvet beans, \$2.00 per bu.; Genuine bush velvet beans, \$2.00 per bu.; Mixed peas, Clays mixed with Whips, \$1.90 per bu.; Clay peas, \$2.00 per bu.; White peas, \$2.00 per bu.; Whippoorwill peas, \$2.00 per bu.; Brabham peas, \$2.50 per bu. All put up in new even weight sacks. F. O. B. Tennille, Ga. H. M. Franklin.

Peas, Whippoorwill, \$2.00 per bu. Forrest P. Owens, Bingen, Ark.

Nancy Hall and Triumph Sweet Potato slips, chemically treated, \$1.00 per 1,000. W. C. Graydon, Danville, Ark.

MISCELLANEOUS FOR SALE

J. D. Preuett, Route 1, Box 205, Ringgold, La., wants to correspond with some farmer in southern or central Arkansas, who owns good farm in a healthy locality, near local market, with a view to doing general farming on shares. Can work fifty acres or more and can furnish reference.

For Sale—Good brooms. Delivered anywhere in Arkansas for 90c each, prepaid. Loy E. Johnson, Mayfield, Ark.

Fancy Arkansas apples, packed in peck and half bushel baskets, delivered by parcel post. Attractive packages; write for prices. Arkansas people should eat Arkansas apples. Scott D. Hamilton, Fayetteville, Ark.

Two spans of young mules, two and three year old. One black Spanish Jack five years old. Will sell or trade for cattle. C. T. Andrews, care Wilson Springs, Harrison, Ark.

One Edison Underwriters Model, Moving Picture Machine, for electric current or gas lights, with gas burner and tank, all in excellent condition. J. L. Goodbar, Charleston, Ark.

One American Adding Machine, in perfect condition; will sell for \$50. J. L. Goodbar, Charleston, Ark.

Oliver Typewriter, in good condition; in metal case; first check for \$25 gets it. J. L. Goodbar, Charleston, Ark.

PREMIUM STAPLE COTTON.

A good demand for premium staple cotton was reported at New Orleans and a fair demand at Memphis. Some of the sales reported in these two markets were as follows:

	Cents
New Orleans:	
Middling to Strict Middling,	
1 to 11-16 ins.....	23½
Strict Middling, 1 to 11-16 ins...	23¾
Middling to Strict Middling,	
11-16 ins.....	24
Strict Middling, 11-16 ins.....	24¾
Strict Good Ordinary to Low	
Middling, 11-16 ins.....	21
Strict Low Middling to Mid-	
dling, 11-16 to 11-8 ins.....	24
Middling to Strict Middling,	
full 1½ ins.....	26½
Strict Middling, 1½ ins.....	27½
Middling, 13-16 ins.....	27

Memphis:	
Strict Low Middling, 11-16 ins...	23
Strict Middling, 11-16 ins.....	26
Middling to Strict Middling,	
full 1½ ins.....	27½
Middling, 13-16 ins.....	32

The average premiums quoted in the New Orleans and Memphis markets for the staple lengths specified are stated below for Middling cotton based on Middling short staple cotton at 22½c per lb. at New Orleans and 23c at Memphis on July 8, 1922, and 11½c per lb. at New Orleans and 10½c at Memphis on July 9, 1921.

COTTON SEED MEAL FOR STEERS

Feeding cottonseed meal to steers on grass increases the rate of gains and makes a better finished animal than it is possible to get on grass alone.

Since the market demands a high degree of finish, it pays to feed good steers cottonseed meal notwithstanding the cost of gains is increased thereby, because the cost is more than made up when the steers are sold on the market. This statement refers only to steers which have enough beef blood to develop into blocky animals of the true beef type. Scrub steers in which dairy and nondescript breeding predominates can never be converted into high-class beef animals, regardless of the feed; such steers make more profit when grazed on grass without supplementary feeding of concentrates.

SILOS PROFITABLE.

The extensive use of silos on northern livestock farms is explained by the economy of silage for feeding dairy and beef cattle. Silage is the cheapest form of succulent roughage known for winter feeding. Not only is silage an economical feed, but it supplies the best possible substitute for green grass. To fully understand what silage means to a cow in winter it is only necessary to compare green grass with dry hay.

Corn, sorghum, kafir and other similar crops can be ensiled as advantageously in the south as in the north.

The silo makes it possible to get more feed per acre than any method.

A stalk of corn put in the silo when in the hard dough stage has nearly twice the feeding value of the matured ear.

Since these crops made into silage give maximum feed value, the number of livestock can be increased by means of the silo without increasing the acreage devoted to crops.

To make butter and beef at the lowest possible cost, silage must form a part of the ration.

RED RICE A TROUBLESOME PEST

A wild variety of worthless rice having red grains causes rice growers much loss throughout the rice belt. A few grains of red rice found in the milled product lowers its value and since the pest propagates rapidly when once it gets a foothold in a field, the milled rice soon becomes unsalable for food.

Red rice and domestic rice are distinct species. The seed of one will not produce the other.

Red rice cannot gain a foothold in a field unless the seed are planted there. Therefore the first precaution should be to plant only clean seed; second, do not let red rice mature seed. If the land is left fallow, red rice is sure to mature seed which will germinate the following spring and ruin the field. Plow the field after the rice is cut in order to prevent a second crop of red rice from maturing seed before frost. Crop rotation is important and when cowpeas or other legumes are judiciously used, more clean rice can be produced in a rotation by planting the land in rice every year.

APPLE GROWERS MEETING A SUCCESS.

The field meeting of the apple growers of northwest Arkansas held at Centerton July 20, was attended by approximately 150 growers. The citizens of Centerton furnished automobile transportation for the tour of the orchards in the neighborhood in the forenoon, and about 22 orchards were observed.

Stops were made at three or four, where different methods of spraying, cultivation and fertilization were practiced. Experts explained these various processes to the growers and answered the numerous questions which were brought out.

Lunch was served at noon by the Ladies' Aid of the Community church in a shady grove in town, where a platform and comfortable seats had been erected for the afternoon session. Instructive talks were made by W. J. LeRoy, pastor of the Centerton Community church; W. B. Brogden of Springdale, Ed Hall of Pea Ridge and other prominent growers. One of the principal topics of discussion was the marketing of the large crop of Jonathan apples now maturing in the orchards of this section.

The meeting was held under the auspices of the development department of the Frisco railway company and Earl Smith, county agent of Benton county.

FINE PROSPECT FOR PEACHES.

Arkansas will again be one of the big peach producing states this year. The present outlook is for a 75 to 80 per cent crop, which interpreted in carloads should mean in the neighborhood of 1,300 cars. The number of carloads depends largely upon the size of the individual peach, with plenty of moisture, and especially in early June the number of carloads can easily exceed this number.

In 1919 the state had approximately 2,450 carloads. Since this time there has been a large shrinkage in the number of bearing trees in the Arkansas Valley and in north and northwest Arkansas, so it would be impossible for the State to equal its 1919 production. Southwest Arkansas, including the Pike county district, is estimated to have a 40 to 50 per cent crop, or about 450 carloads. There will be a few cars of Red Birds but the main Elberta shipment will begin shortly after July 4. The Arkansas Valley will be practically all Elbertas and should come in about a week later than the Pike county district. Spraying is being practiced in this district more than in former times and the quality of peaches should be improved. Russellville, Morrilton, Cabin Creek, Clarksville, Mulberry, Van Buren and Rudy are among the principal shipping points. These points should have between 50 and 150 carloads each. In Washington county, northwest Arkansas, Springdale expects about 90 carloads and Lincoln will have a good movement. Shipping from these two points should begin about July 25. There will be some Belles but probably 95 per cent of the crop will be Elbertas.

Thus far the crop all over the state is in a very fair condition, with just about the right percentage of moisture and sunshine to promote the best growth.

ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 9

LITTLE ROCK, ARKANAS

September, 1922

Arkansas State Fair at Little Rock, October 9th to 15th Will Cost \$100,000; Premium List of \$20,253

By W. A. Gilbert, Publicity Director, Arkansas State Fair

UNDER the direction of E. G. Bylander, former manager of the Missouri State Fair, plans for the Arkansas State Fair, to be held during the week from October 9 to 15, are rapidly being completed. Indications are that the Fair will bring together a gigantic assembly of Arkansas' natural, agricultural and industrial resources, such as will be a source of pride to every resident of the state. Already a large number of counties of the state have advised Mr. Bylander that they would enter exhibits. This is a source of pleasure to the Fair officials, who are interested in exhibiting to the fullest possible extent Arkansas' many kinds of agricultural products.

Governor McRae has appointed a representative in every county of the state whose duty it is to see that his county is represented at the State Fair with an exhibit. The Fair Association is keeping in close touch with each of these representatives and seeking to co-operate with them in bringing county exhibits. Any individual resident interested in having his county represented at the State Fair should get in touch immediately with the county representative and assist him in whatever way possible in assembling a first class county exhibit to be brought to the State Fair.

The Fair Association is offering \$750 in premiums on the various county exhibits. The first prize for a county exhibit will be \$150, the second prize \$125, the third \$100, the fourth \$75, and \$50 each for the fifth, sixth, seventh, eighth, ninth and tenth prizes. This represents an increase of approximately 300 per cent over the premiums offered last year, and is calculated to increase the number of counties exhibiting this year.

"The counties probably do not realize the benefits to be obtained by exhibiting at the State Fair," Manager Bylander declares. "There is no charge made by the Fair Association for exhibit space and the only cost to the counties exhibiting is the assembling of the exhibit and the paying of the freight to Little Rock. The counties have to pay the freight only one way. The railroads have agreed to return free of charge all exhibits brought to the State Fair, and this means much to the various counties desiring to exhibit."

"The county representatives will seek to interest the various civic, commercial and other clubs and bureaus in



Shorthorns and Angus, Part of College of Agriculture Herd, at Fayetteville, Arkansas, to be Shown at the Arkansas State Fair

exhibits for the Fair, as well as the planters and live stock men. We would suggest that every club or man approached on the matter of a county exhibit should immediately get busy and help to bring an exhibit to the State Fair. It means much to the county—there is no better way to advertise what any county has than exhibiting at a fair," says Manager Bylander.

The Fair Association is offering a total of \$20,253 in premiums to the various departments, including \$5,245 for beef cattle; \$2,670 for dairy cattle; \$4,706 for hogs; \$795 for sheep; \$2,600 for poultry and pet stock;

\$1,265 for agricultural exhibits, including the \$750 offered for consolidated county exhibits; \$320 for horticultural exhibits; \$100 in the apiary department; \$150 for floricultural exhibits; \$1,186 for the agricultural extension service department, University of Arkansas; \$165 for Smith-Hughes Vocational School exhibits; \$361 in the Home Economics department; \$100 in the Fine Arts department, and \$1,190 for horses, mules, jacks and jennets.

Especially stress is being given by the Fair Association to the Boys' and Girls' club and demonstration work. The management is seeking to make the Fair a strictly educational institution, permanent in its character, and something that will aid in the upbuilding of Arkansas. It's a \$100,000 show which is to be staged this year, the business men of Little Rock having promised to the Fair Association this amount of money to expend in making the State Fair what it should be.

The Fair Association is not overlooking the entertainment features, realizing that in a sense they are more or less necessary in combining pleasure and profit. The amusement at the Fair this year, however, will be purged of all the objectionable features and there will be only clean entertainment. Contracts have already been signed for the carnival attractions, consisting of some of the most interesting acts known to the show world, and for the free hippodrome attractions which will likewise provide a week of fun for the visitors.

The State Fair will be held on the Deaf Mute grounds, where it was held in 1921. The site is close in and conveniently reached by street car and automobile. There will be ample room for the various departments, including live stock, the display of which is being made a special feature this year.

Classes In Which Farmers of Arkansas Will Be Contenders at Big State Fair

Horses, Mules, Jacks and Jennets—Saddle Horses, \$300; Standard, \$300; Mules, \$140; Jacks and Jennets, \$450.

Beef Cattle—Shorthorns, \$1,710; Herefords, \$1,810; Aberdeen-Angus, \$925; Red Polled, \$600.

Dairy Cattle—Jerseys, \$1,000; Holstein-Friesians, \$1,000; Guernseys, \$670.

Swine Department—Poland-China, \$1,300; Spotted Poland-China, \$500; Chester White, \$550; Hampshires, \$906; Duroc Jerseys, \$1,450.

Sheep Department—Shropshires, \$125; Hampshires, \$110; Oxford, \$170; Southdown, \$110; Dorsets, \$110; Cheviots, \$110; Angora Goats, \$60.

Poultry and Pet Stock—Poultry, \$2,000; Pet Stock, \$500; Eggs, \$100.

Agriculture—Corn, \$146; Cotton, \$74; Hay, \$63; Seed, \$35; Rice, \$15; Oats, \$4.50; Rye, \$4.50; Wheat, \$4.50; Sorghum, \$9.00; Kafir, \$6.00; Sweet Potatoes, \$48; Irish Potatoes, \$18; Vegetables, \$87; County Exhibits, \$750.

Horticulture—Apples, \$320; Pears, \$3.00; Plums, \$3.00; Grapes, \$3.00.

Apiary—\$100.00.

Floriculture—Florists, \$115; Amateurs, \$35.

Agricultural Extension Service—Corn Club Contest, \$90; Pig Club Contest, \$200; Live Stock Judging, \$50; Girls' Home Demonstration (exhibits), \$304; Girls' Home Demonstration (contest), \$49; Women's Home Demonstration Club, \$42; Boys' and Girls' Poultry Club, \$44; Negro Boys' Club (exhibits), \$49; Negro Girls' Homemakers Club, \$69; Negro Women's Home Demonstration, \$31; and Negro Work, \$258.

Smith-Hughes Vocational Schools—Live Stock Judging, \$15, and Vocational School Exhibits, \$150.

Home Economics—Culinary, \$203, and Textile, \$157.

Fine Arts Department—Painting, \$30; Student Composition, \$25; Handicraft and Industrial Art, \$37.50; Artistic Photography, \$7.50.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner

JOHN C. SMALL, Editor

LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Effort is being made in Congress to put a heavy import tax on white arsenic, the basis of paris green, lead arsenate and other insecticides used for spraying. Such a tax will naturally increase the cost of these sprays and will work a special hardship on the cotton farmer, as lead arsenate is the most effective destroyer of the boll weevil yet discovered. There is now a shortage of white arsenate in this country and importation of the material should be encouraged rather than discouraged by a high tariff which can benefit only the large smelters from which come the bulk of the domestic supply as a by-product of these industries.

The Arkansas Rice Growers Co-operative Association has closed a deal for the lease of the Wheatley Rice Mill, at Wheatley, Ark., for the season beginning August 1, 1922. With the additional capacity of 2,000 bags per day thus secured by the Association they have a total capacity of 10,000 bags per day now under lease.

It would be a great help to the farmers of the South if every farm had a few pecan trees on it. Pecan trees will provide shade, excellent food, some pin money and much satisfaction as well as helping to give the farmer a more varied diet, this being one of the great handicaps under which so many southern farmers are now working. September has been designated by the National Nut Growers Association as "Pecan Month."

Total cash prizes in the American Royal live stock show, Kansas City stock yards, November 18 to 25, aggregate \$55,118, the richest prize list ever offered for purebred and fat live stock in the West or Southwest. Total cattle prizes aggregate \$24,605; total swine prizes aggregate \$8,125; total sheep prizes, \$2,250; total horse and mule prizes, \$6,850; saddle and show horses, \$13,000; special prizes \$325.

New Breed of Chickens, the Jersey Black Giants

All eastern markets are familiar with the trade terms, "Philadelphia Capons" and "Philadelphia roasting chickens." These birds are the product of central Jersey farms and have been given the name of Jersey Black Giants. Many varieties have been used in developing this breed, probably the principal ones being Partridge Cochins, Dark Brahmas, Barred Plymouth Rocks and perhaps Cornish Games. They are a very large fowl with the following weights recently adopted by the Breeders' Club: Cock 13 pounds, cockerel 11

pounds, hen 10 pounds, and pullet 8 pounds. Their plumage is solid black. They have dark hazel and black eyes and single 5 or 6-point comb, black legs with the bottom of their feet bright yellow, and a bright yellow skin all over. They have two outstanding qualities, viz.: the highest grade dressed carcass with fat and lean well distributed over all portions. After the birds are fairly well grown they take on flesh more easily than any other fowl raised in America. They have been produced for forty years on the general dairy and grain farms of central New Jersey and have the instinct of ranging in a very marked degree. The birds range out from the farm buildings, not like turkeys in a flock, but singly, to a distance of a half to three-quarters of a mile from the home buildings.

How to Shear Sheep and Care for the Wool

Shear the sheep when the wool is absolutely dry, never when there is any moisture in the fleece.

The sheep should be shorn only on a smooth dry surface, preferably a planed board flooring, never on the dirt.

Care should be taken to keep the fleece intact. Avoid second cuts, which reduces the average length of the staple.

Clip all locks from each fleece and pack separately. Never permit them to remain in the fleece.

Fleeces should be prepared with the flesh side out, never the weather side.

Find, roll, or use fleece box for preparing the fleece.

Tie each fleece separately. Never tie two fleeces together or pack and market untied wool.

Use only enough twine to tie the fleece securely.

Paper or hard glazed surface twine should be used. Never use sisal or binder twine.

Never permit the fleece to come into contact with chaff, hay, dust or any other foreign material.

Place the tied fleeces in regulation wool sacks or cover them with canvas or new burlap.

Select a clean dry place for storing the wool until sold. Never permit the wool to lie upon the ground or store it in a basement.

Keep the white and black wool separate. Never permit any portion of black wool to be mixed through the white.

Divide the burry, seedy, cotted, dead, black and gray fleeces from the clean, white, well-grown wool and pack separately. Never pack all grades together indiscriminately.

Cove, Polk County, Arkansas

By A. B. MANOR

Cove, in Polk county, Arkansas, is a town of approximately half a thousand people, and about berry picking time it may have two or three hundred more. It is something of an old-fashioned home town, where everybody knows everybody else, and feels at home among the neighbors, who make their living in the town's industries by general farming, stock raising, poultry and egg production, the cultivation of fruits and commercial truck, in lumbering and working forest products.

Twenty years ago it was a famous shipping point for commercial trucks, fruits and cantaloupes and was practically a pioneer in this branch of husbandry. Its gross annual business is from one-half to three-quarters of a million dollars, being located conveniently to a good trade territory extending into Oklahoma. It is 17 miles south of Mena, the county seat, 357 miles south of Kansas City, Mo., and three miles from the Oklahoma border.

Its citizenship has always been progressive in the matter of schools, churches, good roads and general local improvements. Its local institutions are two substantial church buildings, a third building to be erected at an early date, and a school system keeping abreast with the times. It has one of the largest planing mills in Western Arkansas, which is backed by a considerable number of saw mills in the adjacent territory which send their rough lumber here to be planed and finished for the market. In an ordinary year the forest products coming from Cove amount to 150 to 200 cars of pine lumber, 25 to 30 cars of hardwood lumber and from 20 to 30 carloads of railroad ties, stove bolts and hardwood timbers, the hardwood products being valued at about \$150,000. It has also a cotton gin of modern construction, handling several hundred

bales per annum. There are also in Cove a bank, two large hotels, a grist mill, shingle mill, garage and service station, an electric light plant, and a modern sweet potato curing plant. Mercantile establishments are numerous and generally carry large stocks of goods.

The roads reaching out of Cove, among them the Jefferson, Highway and also the Kansas City Southern Railway, make the town readily accessible in all kinds of weather. To these roads is due in a large measure the comparatively large amount of business done in the town, and also is due the co-operation of the town and country people in matters pertaining to public welfare and the development of local opportunities. This is particularly shown in the work of the Cove Fruit and Truck Growers Association. Plans are now practically matured for the construction of a large bonded warehouse to store and care for farm products.

During the present season there have been shipped from Cove six carloads and 2,500 crates of strawberries and five carloads and 500 crates of peaches, products of an industry just coming to the front; 1,000 crates of blackberries, 1,000 bushels of beans, 500 of apples, 500 crates of cantaloupes and 500 crates of tomatoes and mixed vegetables, and perhaps late in fall a considerable quantity of sweet potatoes. This does not take account of general field crops, cotton, grain, forage, live stock, poultry products or the products of the forests.

Cove is surrounded by a fine farming country producing all standard field crops, fruits and commercial truck. It has a fine progressive farming population, but has room for many more, and lands are valued low as compared with other sections, where it is far more difficult to gain a foothold than it is here.

FARMS FOR SALE

Fruit and Berry Land—40 acres on pike; mile and a quarter from Marshall; 5-room house; 20 acres cleared; 2 acres strawberries; 3 acres young apple trees; \$1,600. F. A. Barton, Marshall, Ark.

Truck, Fruit and Poultry Farms—35 acres, 20 in cultivation, 2 on bench, remainder bottom; enough fruit for home use; large garden; 3-acre woods pasture, remainder timbered hillside; unlimited outside range for stock, 4-room frame house, good roomy log barn; smoke house, chicken house, cellar, good well handy; Howard Fork on southwest boundary; Frisco Railroad and public road through place; one and a half miles northwest of Chester where there is an 8-month school and two churches; \$1,200. Fifty acres, 4 in cultivation first bench, 2 more bottom to clear; good timbered mountain side; old log cabin; cellar; no better water in state; \$600. Twenty-five acres, 8 in cultivation, remainder timbered hillside; no buildings, \$400. These three farms are adjacent and may be blocked. A. D. Smith, owner, Chester, Ark.

Ozark Mountain Farm—One of the best places in the upland regions; 8-room residence, large barn, modern implements. Owner wants to sell on account of age. Price low and terms reasonable. J. W. Dodgen, Oak Grove, Ark.

White County Farm—40 acres, well improved with a 5-room frame house, large two-story barn; fenced, cross fenced with woven wire; free range right on an improved road; one-half mile to pike and same to railroad town; good school and churches; all level land with 2 acres of berries, 5 acres of meadow hay; white neighborhood; this is an ideal country home; no rocks, no overflow land, good land, will raise anything. Will sell place, stock and all farming tools at a bargain. W. E. Rotenberry, Box 27, Higginson, Ark.

Randolph County Farms—120 acres four miles from county seat; good road, mail line, school and church one-half mile; fair improvements, over one-half cleared, balance timber; plenty of water; price \$3,500. Seventy acres four miles from county seat; church and school one-fourth mile; on mail line and graded road; 4-room bungalow, new; 40 acres cleared and fenced with new wire, balance timber; plenty water. Price \$2,000; good terms. Eighty acres two miles from same town; 4-room house; barn 32x50; good orchard; cistern spring; 65 acres cleared, balance timber, all under wire fence; good state of cultivation; mail line; school and church near. Price \$4,250; terms. Box 445, Pocahontas, Arkansas.

Small Farm Cheap—30 acres, surrounded by free range and good water; 2-room house, barn, etc.; fine for fruit and stock. W. W. Riley, Cedar Glades, Ark.

60-Acre Farm at a Bargain—20 acres in cultivation; 40 acres timber; good house, barn, etc. John J. Riley, Cedar Glades, Ark.

Cleburne County Farm—80 acres; 24 acres cleared, 50 acres creek land; 3-room bungalow; good barn, plenty water; school and

church three-quarters mile; postoffice and store mile and three-quarters; fine fruit, cotton and grain land. J. W. Shaver, Ben, Ark.

Yell County Farm—87 acres fruit, truck and poultry farm; 55 acres in cultivation; 4-room dwelling; 4,000 bushel potato curing house; barn, shop and other out buildings; fine well and spring water, good free range for cattle and horses. W. L. McCorkle, Stafford, Ark.

Independence County Farm—Small tracts of mineral land. W. H. Fields, Route 1, Box 23, Newark, Ark.

Dairy Farm Near Carlisle—120 acres, running water, 8-room house, barn 44x48 feet; \$60 an acre. D. V. Stewart, Box 135, Carlisle, Ark.

Colonization Tract—25,000 acres fertile river bottom lands, partly improved, having ten miles river frontage; 80 tenant houses, 60 barns; 7,000 acres fenced and 2,000 acres cleared. Also have 2,000 acres upland adjoining the above; near good gravel road and can be reached from Batesville in car within an hour; detailed information upon request. This is one of the finest colonization propositions in the South. Price \$22.50 per acre, one-third cash and balance easy terms. W. D. Murphy, Batesville, Ark.

Baxter County Farm—Will trade 40 acres for a good car; land partially improved; homestead land adjoining. N. D. Cantwell, Henderson, Ark.

Izard County Farm—119 acres; 40 acres in cultivation; good orchard; 4-room house; barn one mile route; mile and a quarter to school; \$10 an acre. H. E. Davis, Lunenburg, Ark.

Pike County Farm—120 acres in peach belt of Pike county; 90 acres cleared land, rest well timbered in oak and hickory; 15 acres set in Elberta peach trees, will come into bearing next year in fine condition; no swamp or waste land on entire tract; this land adjoins the big orchard of Bert Johnson; one and a half miles of Highland; near high school; good roads; daily mail service; telephone in home; 2 sets good houses; well watered. For quick sale will sell for \$40 per acre. Geo. F. Daugherty, Route 3, Nashville, Ark.

Benton County Land—40 acres, timbered; on mail route and phone line; near school; healthful climate; \$550. Mrs. Flossie Danben, Box 124, Gravette, Ark.

Good Farm Near Hope—130 acres; 5-room house; barn, smoke house, etc.; all under fence; 90 acres in cultivation; good truck and fruit land. B. W. Owens, Route 2, Hope, Ark.

Madison County Farm—104 acres; good house and barn; plenty of lasting water; 40 acres in cultivation; 15 acres in orchard; grass pasture; balance in timber; county road in front of door; good school and church; good neighborhood. Write S. G. Hendrickson, Patrick, Ark.

North Arkansas Bargain—170 acres; 90 acres under fence; fine water. S. J. Johnson, Route 1, Box 41, Everton, Ark.

White River Bottom Land—133 acres extra fine land; 4 miles from depot; will make 80 bushels of corn and has made one and a half bales of cotton per acre; 15 acres in cultivation, and the balance can very easily be cleared; \$15 per acre, half cash and the balance very easy terms. C. H. McCready, Russell, Ark.

Cleburne County Farm—80 acres; 35 acres in cultivation; 4-room house; good well; barn and orchard; garden and out buildings; close to schools and churches; 12 miles to Heber Springs; \$1,200, or will exchange for land on White River near Russell. Daniel Ezell, Drasco, Ark.

Sharp County Farm—80 acres; 39 acres in crops, 10 acres in timber, 40 acres in pasture; all under fence; one mile of town and school and church; good 4-room house, barn and other out buildings; good spring in the yard; on good county road; all good fertile land; \$2,000. John Ashley, Cave City, Ark.

Newton County Farm—120 acres; 35 acres of good fertile soil for oats, potatoes, corn and all kinds of fruit and vegetables; 4-room house and 2-room house; well and spring; about two and half miles to Mt. Judea. Price \$700. Half down, balance on easy terms. A. C. Kent, Mt. Judea, Ark.

Homesteader in Ozarks Wants Partner—More homestead land adjoining available. Address R. J. Koster, Signal Hill, Ark.

Van Buren County Farm—40 acres in cultivation; 3 acres in well set meadow; 20 acres in pasture; rest and part of pasture fine timber; good everlasting spring, two good wells; young apples orchard, new barn, small but good house, good outbuildings; mall at door; one mile to school and church; in three and a half miles of oil well drilling; near clear water stream, lots of fish and squirrels; good neighbors, a healthful climate; the best open stock range in Arkansas; price \$1,500, terms on part. Osco Hall, Route 2, Scotland, Ark.

Benton County Fruit Farm—30 acres; apples, peaches, plums and cherries; 4-room house, good barn, garage, cement cellar; spring; two miles to railroad station; on mail route and telephone line. C. W. Reeves, Route 3, Garfield, Ark.

Mineral Land—273 acres. Henry Matlock, Cave City, Ark.

Dallas County Farm—80 acres with growing crop of corn, peas, sweet potatoes and sorghum; two young mules, six head of cattle, hogs, chickens and furniture, all for \$2,500. J. W. Jones, Swaty, Ark.

Sharp County Tract—80 acres, 30 acres in cultivation, 50 acres under fence, 3 acres orchard; 3-room log house, good barn, well and cistern; white oak and hickory timber. E. T. Clements, Route 1, Box 38, Ravenden, Ark.

For Sale or Exchange—150 acres very rich alluvial soil; protected by levee from overflow; about 50 acres in cultivation; about 100,000 feet of good cypress timber, 50,000 feet of oak and ash; three houses; fine lake with good fishing and hunting; three and a half miles from railroad town of Weldon, Ark. Want smaller place, level with no rocks and some orchard; near high school. Frank Claycomb, Weldon, Ark.

Several Farm Bargains—125 acres of land, one team 6-year-old mules and harness; one 3-year-old mule; one 8-year old mare; two cows and calves, 30 chickens, 13 hogs; beds, stove, chairs, dishes, sewing machine, dresser, mowing machine, plows, hoes; everything for \$1,750; would take good Ford as part payment. Tract 2—40 acres, 15 acres cleared and fenced; good orchard; 2-room house; well and two springs; would trade for good Ford; price \$500. Tract 3—45 acres, 15 acres cleared, remainder in timber; price \$500. Tract 4—40 acres; 6 acres in cultivation, remainder in timber; small house. First offer of good Ford car gets this place. George W. Reeves, Chimes, Ark.

Black Land Bottom Farm of 193 acres—41 fenced with woven wire with catalpa posts; 120 acres in cultivation, balance timber land; the very best water, two good houses with other improvements; this farm is located on a public road and is one-half mile from a good pike road; also one-half mile to the small railroad town of Geridge, Ark. Price \$60 per acre; very small payment down. Balance 10 years at 7 per cent. T. A. Timmons, owner, Geridge, Ark.

80 Acres in Union County—14 miles southeast of El Dorado. Fine sandy land, grows anything; 60 acres in cultivation; good water, good orchard, good garden, and yard under good new wire; 3-room house on high ground; one-half mile to post office, church, school and railroad station. Oil field moving this way. Will sell one-half mineral and oil rights. M. D. Ballard, Urbana, Ark.

241-Acre Farm in Northwest Ark.—231 acres in cultivation, 75 in meadow; good clover and timothy pasture; orchard for family use; new 10-room house, concrete cellar, good barn, garage, poultry houses and other buildings; two fine wells of water. Located one-half mile to school; automobile road; daily mail, and telephone. A beautiful and beautiful home. Price reasonable, with good terms. Mrs. J. L. Shipman, Route 4, Green Forest, Ark.

Bradley County Farm—200 acres land; good 5-room house; good barn and other outbuildings; about 40 acres cleared and between 45 and 50 in pasture; balance timber; good orchard; one mile from Banks. Will take \$5,000 for place, part cash, rest on easy terms. Gray Hall, Box 5, Banks, Ark.

90-Acre Ouachita County Farm—70 acres in cultivation, balance in pasture and woods; lot, with two ever-running springs in pasture; new 5-room house, smoke house, barn and other out buildings; on telephone line and daily mail route; one and quarter miles north of Bearden, which is about 35 miles north of the great oil and gas fields at El Dorado. This place has never been leased for oil. Price reasonable; delivery this fall. J. A. Brown, Route 1, Bearden, Ark.

225 Acres—Level, sandy loam land; located on good roads, all fenced; no overflow, rock or waste land; 150 acres cleared; 5 houses

and 1 barn; 2½ miles from Tuckerman. Sam Haynes, Route 1, Tuckerman, Ark.

Izard County Farm—160 acres, 90 acres fenced and in cultivation; 3-room house; barn, chicken house, family orchard and vineyard; 3 springs of water; healthful place; good neighbors, ¾ miles to school, church and post office; 5 miles to Melbourne, 9 miles to railroad. Price \$12.50 per acre. E. A. Britts, Newburg, Ark.

Pike County Farm—80 acres, 25 in cultivation; good 3-room house; well of pure water; 10 acres in cotton; 8 acres in corn and peas; one pair of good mules and wagon; 13 head of cattle. Will sell all for \$1,600. This is a fine place; land is all fresh. Splendid cotton crop, will make 4 or 5 bales if nothing happens. Also have 80 acres land with 2 houses, good well of water and good orchard; 25 acres in cultivation. Price \$700. Also have 160 acres, 35 acres in cultivation; 1 house; good creek bottom land; price \$1,600. N. B. Calley, Pike City, Ark.

78-Acre Farm—40 acres in cultivation; good 4-room house, well of water; have \$700 farm loan on place. Will take \$400 cash and loan must be taken up with 5 per cent interest. N. B. Calley, Pike City, Ark.

160 Acres—Unimproved, but a good farm can be made out of it; good soil; plenty of everlasting water; 1 mile of good school; ¾ mile of star route; in a good mining district. Land especially adapted to fruit and stock raising. Price \$4 per acre. P. D. Watts, Point Peter, Ark.

120 Acres—Located in Garland county, ¾ mile to school and 7 miles to town; 45 acres in cultivation, 20 in pasture and 55 in timber. Has orchard of 125 fruit trees; soil is sandy and clay loam, with corn, oats, wheat and potatoes grown; good well and spring; improvements consist of 5-room house, barn, cow shed, chicken house, smoke house and other buildings. Fenced with wire and rail fences. Price \$5,000 for tract, with possession any time. For further information write or see 117 W. Rev. Wright Grissam, Mt. Ida Route, Box 35, Hot Springs, Ark.

160 Acres—In Newton county, 2½ miles northeast of Hasty, 1 mile to school, ¾ mile to Jefferson Highway; 45 acres in cultivation; 3-room house, barn, smoke house, shop house, concrete cellar, spring water, family size peach orchard, 100,000 feet standing pine timber. Price \$10 per acre. W. A. Morris, Hasty, Ark.

40 Acres of Land—On the Salem and Viola road, 9 miles from Salem and 1 mile from Viola; 20 acres under cultivation, balance in good timber; good for raising chickens and truck farming. You can sell your produce right at your door. Good house on place, chicken house and other out buildings. Will sell very cheap. I also have a tract of land on the Salem and Moody road that I will sell in 5, 10, 15, 20 or 40-acre tracts; all in good timber and very good farm land. Good neighbors, all white. Write for terms. Luther C. Kane, Sturkie, Ark.

41-Acre Farm—30 acres in cultivation, 3 acres in clover, balance in pasture and timber; all good soil; 4-room house, newly painted; good barn; family garden with wire fence, yard with picket fence; well in yard; must sell on account of bad health; price \$5 per acre. M. C. Goodman, Evansville, Ark.

227-Acre Farm in Crawford County—Half branch bottom, balance upland; ideal stock and fruit farm; 3 houses, 4 good wells; year round running water in pasture of bermuda; good timber; located on R. F. D. on Jefferson Highway, 1½ miles of two high schools and town that's A No. 1 for cotton or fruit market; grows bur and sweet clover or any other legume. Unable to farm and will sell place with 5 horses and mules, 20 cows and heifers and 14 head Angoras; full equipment of farm implements, crop and everything. Bargain, price and terms to suit. George Shearer, Route 3, Alma, Ark.

80-Acre Farm in Searcy County—House, barn and other improvements, near pike road; 15 or 20 acres in cultivation; fine orchard; grows clover, alfalfa, orchard grass. Good outside range; good place to raise hogs and cattle. Priced for a quick sale at \$750. S. W. Reece, Bigflat, Ark.

600 Acres—In tracts from 40 acres up, located from ¾ to 4½ miles from good market. Splendid land, suitable for fruit, all kinds of vegetables, corn, wheat, oats and cotton. I need a few thousand dollars, hence will sell to suit purchaser, leaving deferred payments in land at 6%. Chas. Albersen, Elm, Prairie County, Arkansas.

Green County Farm—72½ acres, 70 acres in cultivation, young meadows and tame pasture; 2½ acres timber. On public highway 8 miles north of Paragould, county seat; 1½ miles of railroad station, near good school and church, on mail route; 5-room house and a 3-room bungalow; good barn and other out buildings; plenty of good water at door; good bearing orchard and strawberry patch; raises good crops of corn, cotton, wheat, oats, soy beans and all kinds of peas. Will sell at bargain price of \$3,500. J. A. Fahr, Route 3, Marmaduke, Ark.

200 Acres in Pope County—Two nice farms, 110 acres in cultivation, 15 acres meadow, balance in pasture; two sets of good houses, barns and out buildings; also 40 acres in cotton, 28 acres corn, and all kinds of hay and truck crops; 4 young mules, 1 good wagon, 15 head cattle, and all farming tools. This land all joins and has R. F. D. and telephone service; also in ¾ mile of Road District No. 2, which will begin work in a short time. Price \$6,500. The land alone is worth this price. W. F. Riley, Scottsville, Ark.

40-Acre Yell County Farm—All fenced and 30 acres in cultivation; also meadows and pastures with running water; located 1½ miles of Plainview, with church and 9 months school; good set of small buildings; fine prospects for oil; ideal hay and poultry farm. Price reasonable. O. C. Green, Route 1, Ola, Ark.

50 Acres White River Bottom Land—Also 1½ acres in town with 11-room house and fruit trees of all kinds. O. T. Green, Combs, Ark.

112-Acre Farm—About 50 acres in cultivation, 75 acres fenced, principally with wire; 1½ acres in orchard grass and clover, 1 acre in alfalfa; 2-story dwelling house, painted, good sweet potato storage house and other out buildings; 7 living springs on place; 1 mile from railroad and good school. Price \$1,500; government loan, \$500. J. F. Reed, Turkey, Ark.

700 Acres in Izard County—Four miles from railroad; about 125 acres in cultivation, remainder good timber, 8 acres in clover and timothy; good orchard, 4 living springs 3 sets of houses; 3 mares, 6 mules, 47 cattle, 26 sheep, 36 hogs and the crop growing on the farm; 2 wagons, 1 hack, 1 mower and rake, 1 sorghum mill, 1 fruit canner and all my tools go with place. W. S. Davis, Anderson, Ark.

80 Acres for Sale or Trade—No improvements, but would make a nice home; a fine place for orchard; good spring water, also timber; 5 miles from Higden, near school. All good land; fine range for cattle and hogs. R. E. Mitchell, Route 1, Box 40, Higden, Ark.

80-Acre Farm—40 acres in cultivation, 15 in pasture; good orchard; 4-room house and good out buildings; 2 wells, good roads; located ¾ mile of Mountain View and 3 churches. Most of the land is level, all good soil. Price \$2,000. Would take good car as part payment and balance cash, or part cash and balance on time. Dave Woody, Twin Creek, Ark.

\$5,000 Buys a Good Clark County Farm—216 acres, 80 in cultivation, balance in timber; rich sandy loam, well improved; level, mostly bottom; on state highway. E. L. Presley, Okolona, Ark.

Carroll County Farm—210 acres 5 miles from Berryville, the county seat; 80 acres in cultivation, balance hardwood timber, fenced and cross fenced; 80-acre spring watered pasture, wired for goats and cattle, 30 acres for hogs; large comfortable 4-room house with fireplace and screen porch; plenty of fruit and berries; fair barn, stone and cement cellar and apple storehouse. Will sell with stock, implements and household goods for \$7,500, half cash, balance easy terms. Max Gunther, Berryville, Ark.

260-Acre Farm—Six miles southeast of Green Forest; nearly all in cultivation; 5-room house, 2 sets of buildings, 4 barns, 2 chicken houses, stone fruit house, smokehouse, shop, granary, 90-ton silo; grass pastures; fruits of all kinds; 6 springs, 2 wells of fine water; 40 acres of good corn; a great dairy or fruit farm; price right. W. H. Lewis, Route 6, Green Forest, Ark.

80 Acres—Two miles from town and shipping point; 40 acres in cultivation, rest in timber; \$2,400, \$500 down, balance on 30 years time. Ernest Fahrni, Wintthrop, Ark.

Three Farms for Sale or Trade—Two of them of 50 and 37 acres are located on the Cotton Belt Railroad ¼ mile from town; both have good soil and are fairly well improved; the third, 2½ miles from town, has 60 acres, 45 in cultivation with balance in timber; creek and branch bottom hummock soil; also level upland; running springs and fine well in yard; 4-room residence; oil well now drilling on adjoining farm, and close to production on the west and southeast. J. E. Holt, Cgawaw, Ark.

80-Acre Benton County Farm—65 acres level land in high state of cultivation; 15 acres other land in timber and pasture; 11 acres fine bearing orchard, half Jonathan; 7 acres strawberries, 2 acres blackberries, peaches, pears, plums, cherries and grapes. Good house and barn; good crop and 11 acres meadow; 2 good wells of fine water; located ¾ mile from school and church, 3 miles from good railroad town, on good auto road. Too old to care for farm and will sell for \$7,000. Joshua Clem, Route 1, Decatur, Ark.

Howard County Farm—160 acres, 25 acres in cultivation, 18 acres river bottom; 4-room house, two barns, chicken house, cellar, fruits of various kinds, free range, good water; \$15 an acre; \$600 cash. N. E. Townsend, Gillham, Ark.

Small Grant County Farm—20 acres 2 miles east of Sheridan on Pine Bluff pike; good log house; 6 acres under woven wire fence; 3 acres cleared; will trade for other land or good Ford. E. G. Gossett, Sheridan, Ark.

Stone County Farm—120 acres, 3 miles from railroad; good soil, healthful climate, pure water, fine neighborhood; timber; price only \$300. J. E. Holland, Higden, Ark.

Conway County Farm—80 acres, 5-room house, barn 28x32 feet; 20 acres cleared; price \$2,000, part cash. Horfee Block, Cleveland, Ark.

White River Bottom Land—124 acres on banks of Black River; all timber; \$30 an acre. W. J. Hubbard, Dell, Ark.

Timber Tract at \$15 an Acre—80 acres of red oak, white oak, hickory and gum; well sell or trade for Ford or team; land is mile from railroad and is free of incumbrances. Geo. Catterton, Tilton, Ark.

Fulton County Farm—240 acres, 75 acres in cultivation, 150 acres fenced mostly with woven wire; 3-room house, barn, smoke house, cistern; 6 acres alfalfa, small orchard. R. L. Ferguson, South Fork, Ark.

North Arkansas Farm—120 acres, 24 acres in cultivation; about 100 peach, apple, plum and pecan trees; 1 acre strawberries; new 28x48 story and half bungalow; new out buildings; 3 miles to Elba and 8 to Leslie. \$1,500 cash. Al M. Suchanek, Elba, Ark.

Two Tracts of Land—40-acre farm ¾ mile from town; 40 acres cut-over timber land 2½ miles from town. For further information write The Owner, Box 144, Elm, Ark.

Northeast Arkansas Tract—120 acres on Clay-Greene county line; half in cultivation; 4-room house, log barn; ridge and valley soil, no rock; fine for stock; \$25 an acre; terms. J. E. Jones, Rector, Ark.

Randolph County Farm for Sale—500 acres well improved, 6 good farm houses, 6 good barns; hollow tile silo; nil under good wire fence; half black river bottom land, other half upland clear of rock; extra fine stock

farm, well watered; main house has 9 rooms, city water, electric lights; will sell for cash or for part cash and balance to suit purchaser. If interested write for prices and full description. John H. Kizer, Pocaahontas, Ark.

Mississippi County Farms—Several improved farms ranging in size from 40 to 120 acres; 5,000 acres of choice hardwood cut-over timber lands now being subdivided and offered for sale in size tracts to suit purchaser and on easy terms. These lands are permanently drained and well located as regards growing towns on railroad. These are Mississippi "made lands," level, unbroken by hills and ravines, and can be made 100% tillable. For further details write to C. W. Afflick, Blytheville, Ark.

Lakeport Plantation—930 acres in Chicot county; all cleared but 60 acres; well drained and well fenced; 350 acres in cultivation, balance in meadow and pasture; 6-room house, 15 cabins; walkout proposition; 80 head of cattle, 50 head of hogs, 6 mules, tractor, wagons, etc. One-half cash, balance to suit. W. H. Sherrick, Lake Village, Ark.

Forty Acres for \$300—Located 3 miles from Gillham; 15 acres open land, 3-room house, daily mail and phone line. J. J. Roberson, Gillham, Ark.

Seventy Acres in Montgomery County—70 acres in cultivation, 16 acres in pasture, two 3-room box houses; 5 miles east of Glenwood; will sell crop and live stock, all at a bargain. L. R. Ray, Glenwood, Ark.

Cleburne County Farm—2 miles west of Higden; 40 acres, all under wire fence; nearly all level good land; small orchard, 2 houses with good well in yard; 25 acres in cultivation; \$2,500, or will trade for farm in Benton or Sevier counties. R. E. Smallwood, Higden, Ark.

Cleburne County Farm—40-acre farm, 25 acres in cultivation, balance in wood; no waste land, good grade soil, all under woven wire fence; 5-room house, barn, well water, 1½ miles from Heber Springs, noted health resort; \$1,800, \$600 loan to assume, terms could be arranged to suit. B. S. Duggan, Box 175, Higden, Ark.

Tract Near Higden—160 acres, 50 acres in cultivation, balance timber; 10 acres in pasture, 5 acres in meadow, about 140 acres tillable good grade soil; 4-room house, barn, young bearing orchard; fine well water; farm well fenced; ¾ miles from Higden on good graded dirt road; daily mail and telephone; 1 mile to school; fine free stock range; healthful country. Price \$2,200; Federal loan of \$800 to assume at 5½% interest; would want balance cash or would take a good Ford car as part pay. Address Box 175, Higden, Ark.

Rich Red Lonn Land—300 acres, all under wire fence, 200 acres in cultivation; 6-room house, three 4-room houses; ¾ mile from Prescott; price \$40 an acre; Federal loan of \$4,000 to assume, balance half cash and rest on easy terms. L. C. Steel, Sheriff, Prescott, Ark.

Pike County Farm—110 acres, 60 acres in cultivation; 15 acres in pasture; sandy loam soil; well timbered and well watered; \$2,500. L. D. McClane, Amity, Ark.

Casatoff River Farms—At \$8, \$10 and \$12 an acre. Lee Ward, Owner, Gillham, Ark.

Upland Farm at \$5 an Acre—120 acres, 25 acres in cultivation; fine alfalfa land; outside range, good water, young orchard. Walter Walker, Route 1, Box 17, Elizabeth, Ark.

Farm in Benton County—41 acres, 1½ miles from town, 8-room house, new barn, granary, cellar, smoke house, well and cistern; 15 acres of bearing orchard; tame grass pasture. Mrs. E. H. Buck, Gravette, Ark.

All-Around Newton County Farm—120 acres, 40 acres in cultivation, 20 acres in pasture; good house, two barns, poultry house, orchard; beautiful scenery; \$1,000. Mitchell Hefley, Mt. Judea, Ark.

Baxter County Farm—100 acres, 20 acres in cultivation, 40 acres more of good smooth land; good timber, free range, young orchard, 4-room box house, out buildings; water piped from cold spring into house and pasture; for sale or trade; prefer place near market town; price \$2,000. A. E. Wickersham, Advance, Ark.

Farm, Store and Blacksmith Shop—79 acres for sale at a bargain; well located. R. D. Cropp, Calico Rock, Ark.

Benton County Bargain—114 acres, 10 acres bearing apple orchard, 20 acres in pasture, 34 acres good timber, 15 acres timothy, 35 acres in corn and oats; 7-room frame house, good barn; 5 miles from Garfield and Avoca, 3½ miles from Pea Ridge; price \$5,000, \$3,000 cash. H. T. Hardy, Route 1, Garfield, Ark.

Craighead County Farm—40 acres rich valley soil, no rocks, no overflow land; 31 acres in cultivation; 4-room house, team, crops, tools and live stock all for \$2,500, \$1,000 cash; possession at once. Homer Sholes, Nettleton, Ark.

Stone County Goat Ranch—For sale or trade, 185 acres, 125 goats. Will trade for hotel or barber shop in good town. T. J. Mitchell, Box 72, Arberg, Ark.

Izard County Farm—100 acres, 80 acres in cultivation; rolling loam soil; 2 sets of houses; \$3,000; terms. F. L. McConnel, Mt. Pleasant, Ark.

Sevier County Farm—80 acres with 2 good houses, barn and out buildings; fenced and cross fenced; bermuda and clover pastures; 45 acres in cultivation, all tillable; strawberries, peaches; good roads; healthful community. L. A. Petet, Route 1, Horatio, Ark.

Two Pope County Farms—One, 80 acres, all tillable, 60 acres cleared; good 4-room house, good barn, 2 good wells, some fruit, pastures; 1 mile to good inland town, good school and church; on public road and rural route and telephone line; a bargain at \$20 an acre, part cash, 3 years time for balance. Other farm 66½ acres, all tillable, 40 acres cleared; part creek bottom; house not very good; good barn; 8 miles from railroad, ¾ mile to school and church; on public road, rural route and telephone line; has good well water; a bargain at \$1,600, good terms; must sell. R. H. Vaughan, Russellville, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

For Sale CATTLE

Galloway Stock Farm, North Little Rock, offers for sale a 4-year-old Hereford bull and several younger bulls.

A. G. Byrum, Blytheville, Ark., has a 4-year-old polled Hereford bull which he is offering for exchange or for immediate sale.

T. H. Hatfield, Huffman, Ark., has a 4-year-old Aberdeen-Angus bull which he is offering for immediate sale.

L. O. Shirk, Berryville, Ark., has for sale a Jersey bull.

Titus & Foote, Hamburg, Ark., are offering for sale cattle as follows: 97 yearlings, 69 2-year-olds, 16 3-year-old steers and 20 cows with three calves free. These cattle can be shipped any place and are offered at \$14 per head for the bunch.

A. Busby, Murfreesboro, Ark., has a Holstein bull for sale or exchange.

Registered Red Polled cattle for sale, cows, bulls and heifers, at from \$25 for a bay calf to \$200 for a mature herd bull or a 1,500-lb cow. John R. Kiser, Pocahontas, Ark.

Holsteins—four bulls from week old to 4 years; registered; \$25 to \$100. W. P. Waters, Ivatt, Ark.

Holstein cow and 18-months-old bull, purebred. N. B. Stewart, R. 4, Booneville, Ark. Jersey bull, registered. Jackson Crouch, Hazen, Ark.

HOGS

E. B. Whitaker, Marianna, offers for sale a number of Poland-China and Duroc-Jersey pigs for \$10 each if taken at once.

G. B. Battles, Osceola, has several Poland-China boars for sale.

L. O. Shirk, Berryville, has a Poland-China boar for sale.

Chas. E. Treece, Paragould, has several Poland-China boars from spring litters for sale and also a litter of eligible to be shown in the futurity class at the Arkansas State Fair at Little Rock, October 9-15.

Titus & Foote, Hamburg, are offering on short notice several loads of double treated feeder hogs at \$8.75.

Two 2-year-old registered Duroc boars out of a litter of 20 pigs. Fordyce & Barber, 608 Citizens Bank bldg., Hot Springs.

Big boned Poland-Chinas, Yankee and Buster breeding. Walter P. Clark, Arberg, Ark. Duroc boar, 2 year old, \$50. A. Busby, Murfreesboro, Ark.

Hampshires—Bred gilts and one service boar. Will sell or trade for White Leghorn chickens. W. A. Daniels, Dermott, Ark.

Big type Poland-China pigs, large, smooth and well grown; cholera immune and guaranteed to please or money refunded. J. M. Henderson, Sr., Van, Ark.

Three registered big type Poland-China brood sows, 400 to 500 lbs., \$50 each; two bred. A. P. Bowden, Magazine, Ark.

Poland-Chinas—Four brood sows, one male, 20 suckling pigs, registered. Meadow View Farm, Beebe, Ark.

Feeder Hogs—We can furnish, on short notice, a few loads of double treated feeder hogs at \$8.75. Titus & Foote, Hamburg, Ark.

HORSES AND JACKS

Span of mules and a 4-year-old jack. L. F. Myers, Pettigrew, Ark.

SHEEP AND GOATS

W. G. McKenzie, R. 2, Cabot, wants a Hampshire ram; prefers to exchange a Shropshire ram for one.

T. W. Bailey, Forrest City, wants six to ten ewes and one ram of either Hampshire or Shropshire breed.

Dr. D. W. Kirby, Gurdon, wants milk goats.

C. M. Barber, Box 212, Hot Springs, has registered and grade Nubian milk goats for sale.

Saanen, Toggenberg or Anglo-Nubian milk goats, some registered, others not; goats do not have tuberculosis. Ours raised under natural conditions in the Ozarks. Also Le Bon Hector registered pure Saanen buck at stud. O. P. Gilmore, Eureka Springs, Ark.

POULTRY

Pure-bred Indian Runner ducks, fawn and white; \$2 each; \$5 for three. John D. Campbell, R. 1, Box 40, Pocahontas, Ark.

Pekin ducks, \$3 per pair. Emily Singleton, Huddleston, Ark.

Pure-bred White Leghorns, April hatchings, delivered, \$2; choice cockerels, \$3. Mrs. S. W. Mosier, Franklin, Ark.

Ancona cockerels, N. B. Stewart, R. 4, Booneville, Ark.

Standard bred S. C. W. Leghorn pullets, 12 weeks up to laying, \$1 to \$2.50 each. P. O. Gilmore, Eureka Springs, Ark.

SEEDS

Screened or field run burr clover seed at bargain prices. J. A. McNeill, Box 10, Dermott, Ark.

Abruzzi rye seed, new crop, \$3 per bu sacked f. o. b. cars. Fort Smith Seed Co., Fort Smith, Ark.

Six large California blue sweet violet plants for 25 cents. Mrs. M. R. Bryant, R. 1, Box 30, Sparkman, Ark.

MISCELLANEOUS

One h. p. cane mill and one steam syrup evaporator at a sacrifice. J. A. McNeill, Box 101, Dermott, Ark.

Guinea pigs; male, \$2; female, \$3; youngsters, \$1 for male, \$2 for female; one male, two females and ten youngsters all for \$12. Mrs. Hallie Garrison, Bayou Meto, Ark.

Ground limestone, \$2.50 per 2,000 lbs. f. o. b. cars. Freight rate quoted on applica-

tion. Rate from White Cliffs to Little Rock is \$1.30 per ton. Krippendorf-Tuttle White Cliffs Products Co., White Cliffs, Ark.

Black and tan hound puppies, three months old. Murrell Johnson, Sonora, Ark.

Good used cypress syrup barrels holding 35 gallons, at \$1 each. W. H. Robinson, Cairo, Ga.

White oak cotton pickers baskets at 75c each. W. H. Robinson, Cairo, Ga.

Will exchange new 12-inch Avery chilled breaking plow with steel beam and nearly new 30-inch Reliable brooder for good S. C. White Leghorn pullets or S. C. R. I. Red pullets. Lewis T. Sanders, McNeill, Ark.

Double yellow daffodils, 45c per dozen. White Narcissus, 35c per dozen. Mrs. C. H. Nojes, Calhoun, Mo.

Wanted

Abruzzi rye and winter barley; state quantity and price. Arthur G. Lee, seed merchant, Fort Smith, Ark.

Position on up-to-date dairy farm by young man with experience. Chas. Fricks, Armada, Ark.

Chas. L. Meharry, Attica, Ind., writes that farmers in his section will buy a number of loads of good feeder hogs. Well bred hogs weighing from 100 to 125 lbs. are preferred, thrifty but not fat.

Hustess Bros., Forrest City, want to buy a good Poland-China boar.

W. A. Smith, Cedar Glades, wants to buy a good Berkshire boar ready for service, or pig which will soon be ready.

L. A. Bailey, Whipple Barracks, Ariz., wants the name of saddle horse breeders. He writes he is particularly interested in young brood mares from 900 to 1,100 pounds.

Pure honey, quote price and state quantity and size of containers. G. E. Burchett, 1203 East 19th St., Winston-Salem, N. C.

Man and wife without small children to rent part of my plantation and board three adults. House is equipped with modern conveniences; water piped to kitchen, bath room and pasture. Located north of Forrest City on Crowley's Ridge. T. O. Colt, Fitzpatrick, Ark.

Dairyman and farmer with small or no family, steady and industrious. Topping Stock Farm, R. 2, Gravette, Ark.

Shetland mare to drive by an invalid. J. O. Wortham, Letonia, Ark.

Winter and Fulghum oats. H. F. Johns, R. 2, Berryville, Ark.

Jersey heifer calf or yearling. Mrs. Cora Tarvin, Lonsdale, Ark.

Jersey heifer calf or yearling and big bone Poland-China or Duroc pigs. Mrs. T. L. Clusin, Lonsdale, Ark.

Pure bred S. C. Silver Laced Wyandotte chickens. J. B. Williams, Slocumb, Ark.

Milk goats of Toggenburg breeding, also want to get in touch with a breeder of Brown Swiss cattle. Elmer Schuelke, Williford, Ark.

Blacksmith tools. Loss Frazier, R. 1, Box 9, Kerlin, Ark.

Full blooded Cornish Indian games and Buff Cochins bantams. Guy Middlebrooks, Box 4, Scranton, Ark.

Little Bone Berkshire or Little Bone Poland-China hogs. L. W. Forbes, Hackett, Ark.

Will exchange S. C. White Leghorn pullets for a 400-egg Cyphers incubator. Snowflake Poultry Farm, R. 3, Neosho, Mo.

About Forests and Forestry

By ABNER CASEY, Forest Ranger

A National Forest is a large area of forest land owned and controlled by the Government. The Arkansas National Forest is an area of non-agricultural timber-producing land containing approximately 1,000,000 acres, and is situated in Montgomery, Scott, Pike, Howard, Logan, Polk, Saline, Yell, Perry, Sebastian and Garland counties.

The forestry question is comparatively new in this country and is something about which the average person knows but very little. Many people think that it is something with which the Government is experimenting, but it isn't. Forestry is a science just the same as agriculture, horticulture are sciences. Certain well defined principles must be applied in order that desired and satisfactory results may be obtained.

The primary purposes of National Forests are to perpetuate and to conserve, by proper use, the timber supply of our country. Other purposes are to protect the fish and game; regulate the grazing of stock, protect the water supply, regulate the flow of streams, and preserve the natural beauty spots of our country.

We inherited our forest areas. They were here when this country was discovered, were here when the first white settlement was made and, though it has been but 357 years since

the first white settlement was made in what is now the United States, practically three-fifths of our original timber supply is gone and we are using and destroying the remainder more than four times as fast as a new growth is coming on. We have reached a point where something must be done to reduce the amount of timber used or increase the yield or a lumber famine is not far off. For an illustration: Suppose you inherit \$10,000 and that you loan this money, it drawing interest at the rate of 7% annually. The interest, \$700.00, would represent the annual growth of your inheritance. But you find that you must use \$800.00 of this money each year. You can plainly see that it would be but a few years until your principal would be greatly reduced. Since you must use \$800.00 of this money each year, what must be done in order that the principal of \$10,000 be retained? It is necessary to increase the rate of interest, the annual growth, is it not? This applies to the forests of this country. We inherited a vast amount of timber. We have used and destroyed it with very little effort made to increase the yield, until our supply has been greatly reduced. The demand has constantly increased and will continue to do so as population increases and new industries spring up. It would be practically impossible to reduce the amount of timber used without lowering our standards of civilization. It is necessary, therefore, in order that our timber supply be sufficient to meet this ever-increasing demand, that our annual growth be increased. This can be done by applying the true principles of forestry to our timbered areas and giving them absolute protection from fires, and can be done in no other way.

There is, at present, 137 million acres of virgin timber in the United States which is being cut at the rate of 5½ million acres annually. If this rate of cutting continues, our supply of virgin timber will be practically exhausted within the next twenty-five years. Only fifteen of our states have a timber supply sufficient to meet the needs of their own population and industries. With but one exception these are all southern and western states and the supply of timber in the southern states will last but a little more than ten years. After then our lumber will have to be brought from the forests of the western states. The increase in price which scarcity is bound to bring and added to this the cost of transportation across a continent will place lumber, one of the very essentials of civilization, almost beyond our reach.

Arkansas has the distinction of being one of the leading states in lumber production and we are told that she is producing 90% of the hardwood lumber of the United States. Within her borders are growing 100 different species of timber, more than 60 different kinds of which are of commercial value. Lumbering is her second greatest industry. Yet there are but few lumber companies operating in this state which have a timber supply sufficient to last them for another ten years, and many of them will be cut out in less than five years from now. When our present supply of timber is gone many of our wood using factories will have to close, some of our now flourishing towns will pass into oblivion and we will have thousands of unemployed citizens.

About 70% of the area of this state is woodland or forest land. Probably more than 50% of the area of the state is valuable for its present stand of timber and possibility of future timber production. The annual growth of timber on this land is about one billion feet, while the annual consumption of timber in this state is one and a half billion feet. If our annual growth is not increased, we will soon be importing about 35% of the timber used. Our annual growth can be increased to at least three billion feet and this state remain in the exporting class if we will protect our forest areas from fire and properly care for them.

Fire is the greatest destroyer of forests. A low estimate would place the damage done to timber by fire last year in this state at \$400,000. This

represents but a small part of the actual loss, for the destruction of one dollar's worth of standing timber represents a loss of several dollars which would have been paid to the laborers during the process of manufacturing it into the finished product. Think of the school and church houses that could have been built. Think of the boys and girls that could have been put through school with this amount. Think of the miles of good road that it would have constructed. Yet it went up in smoke, and most of the fires which caused this great damage were started intentionally or were due to absolute carelessness.

While the damage to timber is enormous, it is, by no means, the only damage done by forest fires. Fires destroy the fertility of the soil by burning up material which should be permitted to remain on the ground and decay. Trees, like other plants, grow better where the soil is good, so anything that reduces the fertility of the soil retards the growth of the timber and causes the yield to be less than it would otherwise have been. Fires destroy the moisture-retaining properties of the soil by burning up the ground cover. You know that when the rain falls on the roof of a house that it flows off about as fast as it falls and will cause gullies along the sides of the building. If you should take decayed vegetable matter, leaves, dead grass, etc., and place a layer several inches thick on the house top it would absorb a large part of the rain as it fell and the water would drip from the roof for several days, seeping its way through the soil and bringing down with it soil particles which would enrich the land below instead of washing it away. It would be the same on the mountain sides. If we keep the decaying vegetable matter from burning, and preserve the ground cover, when the rains come, instead of the water coming down the mountain sides in torrents and overflowing the farm lands in the valleys below and washing them away, it will come down gradually, bringing with it soil particles which will enrich the farms.

Forest fires destroy merchantable timber by the fire killing it or by burning it so badly that insects or disease attack it and kill it. They kill the poles and saplings upon which we must depend for our future crops, and we can no more have a future crop of timber without these poles and saplings than we can have men and women in the future without our boys and girls. Fires reduce the fertility of the soils, lessen the amount and lower the quality of the grass, run out the game and destroy the beauty spots of our country.

Inquiries for Arkansas Farms

Henry Casebeer, Morrin, Alberta, Canada, wants to sell out there and come to Arkansas. He would trade farms; wants a high location, preferably in Boone county.

Mrs. J. B. Siglin, R. 2, Cedar Falls, Iowa, is looking for a location for a poultry farm.

C. K. Dunster, Wadhams, N. Y., wants to locate in the uplands of Arkansas, near some town where there is a lot of building in progress.

A. R. Wyman, R. 5, Hartville, Mo., is thinking of locating in Drew county.

H. H. Hynes, Bossburg, Wash., plans to move to Arkansas in the near future and is looking for a farm.

Chas. S. Monroe, 1727 W. 104th Place, Chicago, Ill., wants to find a home in Arkansas.

Jacob K. Stark, 732 W. Olive, Decatur, Ill., would like to hear from someone having 40 acres or less of timber land or a good farm for sale; location north of Little Rock preferred.

L. D. Benedict, Hopewell, Ark., wants to trade for a farm in Arkansas.

F. S. Randall, R. 1, Grand Junction, Colo., is looking for a location in north-west Arkansas.

Jess Johnson, R. 2, Rogers, Ark., wants to rent on a share basis for five years, a well improved and equipped stock farm with good pasture and running water.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 10

LITTLE ROCK, ARKANSAS

October, 1922

Friends of Forest Conservation Plan to Organize a State Association for Work With Government Agencies.

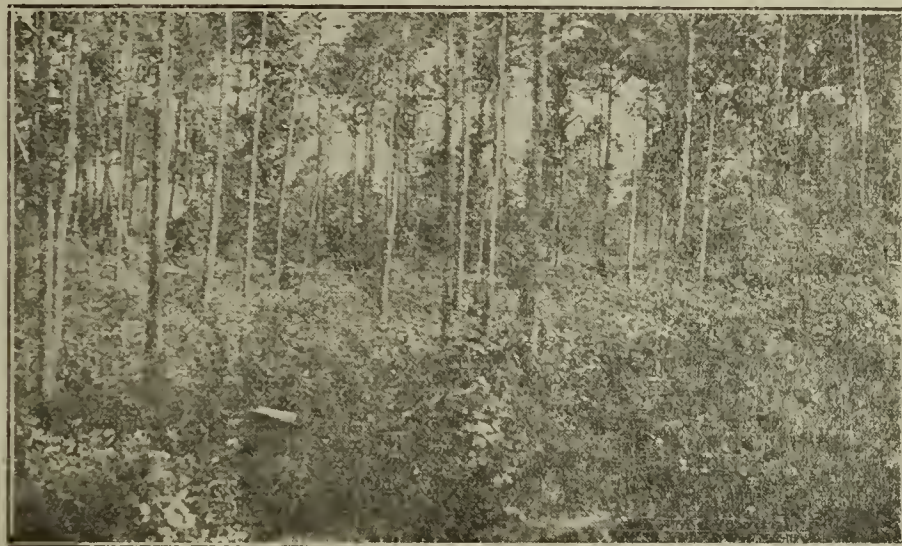
ARKANSAS is one of the few States which still have large areas of commercial forest awaiting exploitation. The land area of the State is approximately 34 million acres. Originally all but a half million acres of prairie was clothed with an almost unbroken forest. Great stands of pine and oak, red gum and hickory, cottonwood and ash, cypress and sycamore predominated a range of over sixty species of present day commercial value. Game and fish were abundant. The forest supported a rich growth of excellent forage while the deep, pongy vegetable soil, built up of the accumulations of forest litter insured ever-failing crystal streams. Fires were few, those which occurred being attributed almost wholly to lightning.

Lumbering began in the State on a small scale almost a century ago. The systematic development of the lumber industry, however, has largely taken place within the past forty years. The lumber cut of 1880 was 173 million feet, by 1890 it had reached 538 million feet, in 1900, 1,624 million and in 1909, the peak year of lumber production in the State, it totalled 2,111 million feet. In the ensuing ten years production dropped steadily and we have an annual cut now of perhaps 1,500 million feet. In addition to the lumber cut demands for cooperage, lath, shingles, firewood, crossties, poles, cross-arms and wood distillation plus that for other uses of minor importance, bring the total annual drain upon Arkansas forests up to nearly 5 billion board feet.

Today Arkansas still has over 20,000,000 acres in forest or woodland and ranks well up near the front among the States in lumber production. Her forest industry ranks first among all the industries of the State with over 700 establishments manufacturing lumber products. The value of these products in 1919 was \$34,008,000 or nearly one-half of the total value of the manufactured products of the State. The forest industry employs 9,429 of the wage earners engaged in Arkansas industries according to the 1920 census.

With an estimated remaining stand of 78 billion board feet, and an annual growth of 2 1-2 billion, it is obvious that the annual drain of 5 billion board feet cannot be sustained except at the expense of utter exhaustion within a comparatively few years. Where the State now sends its forest production all over the country it will soon be put to it to supply its own needs, unless a beginning in practical forestry is made.

The history of the older lumber-producing States has been the same old story, over and over again. There was a time of plenty for each of them. Their forests were regarded as inexhaustible and great was their temporary prosperity. Soon, however, the peak was reached and passed. Production waned. Home demand overtook home supply, the lumbering industry was forced to move on to virgin fields and finally with devastated forests the people were forced to buy great production from distant sources of supply. Large scale lumbering migrated from New England and Pennsylvania to the Northern Lake States,



Stand of Young Timber Which a Protective Policy Would Preserve for Future Generations

then south into the great southern pine belt and now is vigorously working the last great virgin forests of the country on the north Pacific Coast.

Arkansas is in a position today to profit immensely by the experience of many of her sister States. She now has a surplus, and the crisis in industrial welfare which inevitably follows the neglect or excessive use of forest resources can be readily and inexpensively avoided by the inauguration in Arkansas of a rational forest policy. Now is the time for action.

Arkansas' forest policy should be designed by its own people and made to fit its own need, without outside dictation or undue interference. The Federal Government through the Forest Service is ready and willing to act in an advisory capacity, and through its Weeks Law is ready to financially assist the State in forest fire protection as soon as a few basic requirements which already 28 other States have met are incorporated in the Arkansas policy. Since the great

majority of the forest lands of the State are owned by private individuals and corporations, since forestry vitally affects the farmer, the banker and the commercial and industrial life of the State as a whole, the policy must be one which will merit the support of all interests if it is to be successfully applied. Since the fish and game resources of the State are inseparably a part of the forests, the organized support of the sportsmen and game enthusiasts should be readily forthcoming. Without forests there can be no game, no inland fishing.

The fundamentals of a workable State Forest Policy are briefly stated as follows:

1. A Non political Department of Forestry or Department of Conservation.
2. A technically trained forester as State Forester.
3. An adequate fire protective system.
4. Co-operation with private owners and towns in preparing plans for the management of timberlands and woodlots and for commercial and shade tree planting.
5. State-owned forests by gifts or purchase.
6. Educational work.
7. Sound taxation laws which will enable the private timberland owner to operate at a profit and at the same time practice sound forestry methods.

As in the country as a whole, so in Arkansas, the forest fire is a greater contributing factor in the approach of forest exhaustion than is reckless cutting or any other agency. Fire prevention is at least three-fourths of the whole forest problem, and in Arkansas the public must be won over from its attitude of favoring "burning the woods" or at least passive indifference, to a positive recognition of the damages which these fires are doing and a general public decision to stop them. This has been done in Texas, in Louisiana and elsewhere. It can be done here if backed by State organization, a strong forest fire law strictly enforced and consistent, patient educational work.

It is now proposed, in order to provide a medium through which public sentiment throughout the State of Arkansas may be crystallized and directed toward the accomplishment of these indicated objectives through legislative enactment and educational methods, to organize the Arkansas Forestry and Game Association, and a meeting of citizens to perfect an organization of this association will be held at Little Rock during the State Fair, Oct., 9-15.

This Association is to be composed exclusively of citizens of Arkansas interested in the growth and progress of the State and alive to its needs along the lines of conservation of natural resources. It should function as the voice of the people of the State within its prescribed field, serving as a support and guide to the legislative, executive and judicial branches of the State Government in formulating, adopting and carrying out conservation policies which are sound and appropriate to the needs of Arkansas.

Objects of the Proposed Arkansas Forestry and Game Association

1. To eliminate the destructive forest fires by educational methods, by strengthening the existing forest fire law and by promoting a rigid enforcement of the law.
2. To seek the establishment by the State of a State forest fire protective organization which will qualify for participation in the Federal appropriation.
3. To seek the appointment of a non-political commission by the Governor to make a study of the forestry situation and problems in Arkansas.
4. To co-operate with the Arkansas Fish and Game Commission for the protection, propagation and management of our fish and game resources.
5. To work through the constituted educational authorities for the incorporation in the public schools such material as will give children an appreciation of the great natural resources of the State.
6. To work for the establishment of national, state, county and city forests and game and fish refuges.
7. To actively co-operate with lumber and wood-working industries, timber and wood-lot owners to promote the better system of forestry.
8. To work to preserve forest areas, to protect places of historic interest and to develop Arkansas forests as recreation areas.
9. To co-operate with the U. S. Forest Service, and numerous other Forestry and Game Associations in the nation-wide movement toward better protection and more wise utilization of the Nation's forest resources, including timber, water, forage, fish, game, bird life and the human values of health and enjoyment which the forest yield.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner

JOHN C. SMALL, Editor

LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Arkansas has come to be looked upon as an important source of supply for feeder hogs. The Extension Division at Fayetteville has booked requests from Northern buyers for almost 2,000 head. We are going to have a good corn crop this year and should keep enough feeders at home to consume our surplus feed.

In 1913 the price of a ton of coal f. o. b. the mine would buy 2.4 bushels of corn in Iowa; in 1921, 6.2 bushels; in July, 1922, 9.3 bushels. It would buy, in 1913, 1.7 bushels of wheat in North Dakota; in 1921, 2.2 bushels; in July, 1922, 4.4 bushels. In 1913 it would buy 10.4 pounds of cotton in Texas; in 1921, 21.1 pounds; in July, 1922, 22.9 pounds. In 1913, 16 pounds of hogs in Nebraska; in 1921, 36 pounds; in July, 1922, 53 pounds. In 1913, 1.8 bushels of potatoes in New York; in 1921, 2.9 bushels; in July, 1922, 4.7 bushels.

Geo. B. Terrell, Commissioner of Agriculture, reviews the cotton situation and urges bankers, merchants and farmers not to force cotton upon the market, depressing the price and causing heavy losses to the producers. He says: This crop is several million bales short of the world's needs, and every consideration justifies a price of thirty cents. Nothing could keep the price of cotton from going to 30 cents if it were not dumped upon the market as fast as picked.

A strip of cloth 30 inches wide and 17,000 miles long, to make which 30,000 bales of cotton are required, is used annually for the manufacture of cement sacks.

Need of Forest Conservation

Three-fifths of the timber originally in the United States is gone. Today as a Nation we are cutting and burning our forests five times as fast as they grow. One half of the timber remaining is in three states on the Pacific Coast. We cannot reduce our per capita use of wood to the level of European countries if our great natural resources are to be developed and our industrial supremacy retained.

The kernel of the problem lies in the enormous areas of forest land which are not producing the timber crops that they should. We have 326 million acres of cut-over timber lands bearing no saw timber. On 81 million acres of forest land there is no forest growth as the result of repeated fires and devastating methods of cutting.

Each year we add 3 to 4 million acres of our idle forest land as cutting and burning of forests continue. The remedy is concerted action to stop

the devastation of our remaining forests and to put our idle forest lands at work growing timber. Forest fire prevention is at least three-fourths of the problem. Let us act in time in Arkansas.

Plans for Constructing Live Stock Equipment

Plans, specifications and bills of materials needed for constructing many needed articles of live stock equipment have been prepared and are available for free distribution from the U. S. Department of Agriculture. Some of these plans are as follows:

Serial No. 1215—Subject No. 687-B—Smoke House 6x8 ft.
Serial No. 1095—Subject No. 687-L—Manure Pit 16x20 ft.
Serial No. 1073—Subject No. 689-E2—Feed Trough for Cattle or Horses.
Serial No. 682—Subject No. 685-C—A Type Hog House.
Plans for large hog houses suitable for any size herd are available.
Serial No. 1453—Subject No. 689-B—Concrete Wallow.
Serial No. 1450—Subject No. 689-C—Pig Creep.
Serial No. 1448—Subject No. 689-E1—Water Barrel Drinking Trough.
Serial No. 1452—Subject No. 689-E2—Feed Trough for Hogs.
Serial No. 1164—Subject No. 689-E3—Self-Feeder.
Serial No. 1447—Subject No. 689-E3—Platform for Use with Self-Feeder.
Serial No. 1472—Subject No. 689-F—Shipping Crate for Hogs.
Serial No. 1451—Subject No. 689-H—Breeding Crate for Hogs.
Serial No. 1454—Subject No. 689-J—Hurdles.
Serial No. 1455—Subject No. 689-J—Shelters for Hogs.
Serial No. 761-2—Subject No. 685-B1—Feeding Shed 30 head Young Cattle.
Serial No. 763—Subject No. 685-B1—Cattle Shed for 50 Head.
Serial No. 565—Subject No. 685-B2—Sheep Shed for 25 Sheep.

A copy of any one of these may be obtained through the Extension Division, 310 Donaghey Bldg., Little Rock, or by writing direct to Division of Agricultural Engineering, Bureau of Public Roads, U. S. Department of Agriculture, Washington, D. C.

Arkansas Peaches Packed in California Style Boxes

Western operators have been experimenting successfully this season with a new style pack for Arkansas Elberta peaches. They have selected well-colored, large Elbertas of the highest quality and have packed them in standard western form in California-style boxes, instead of the bushel baskets ordinarily used in Arkansas orchards. The box is exactly the same as that used for California peaches, holding about 20 lbs. of fruit. Attractive labels are pasted on both the ends and the sides of the boxes, giving the packages a splendid appearance. The fruit is wrapped and the boxes have the proper bulge characteristic of well-packed Pacific coast fruit.

In Chicago alone more than 20 cars of Arkansas peaches put up in this style have been sold through the fruit auctions, the same as California deciduous fruits are sold. For the most part the prices realized were higher proportionally (pound for pound) than were realized for the best bushel baskets of peaches from Arkansas and for the best Elberta sizes from any State, according to the Federal market reporter in Chicago.

These peaches were very favorably received by the trade and were considered the equal of any peaches on the market. This may be the beginning of the practice of packing middle western and eastern deciduous fruits in boxes.

Farm Bulletins for September

The following are U. S. Farmers' Bulletins which should be, and will be, of practical interest to many Arkansas farmers during the month of September.

Farmers' Bulletin 474, Use of Paint on the Farm.

574, Poultry House Construction.

753, Handling, Grading and Marketing Potatoes.

872, The Bollworm or Corn Earworm.

889, Backyard Poultry Keeping.

900, Homemade Fruit Butters.

903, Evaporation and Drying of Fruits.

991, Efficient Operation of Threshing Machines.

1046, The European Corn Borer.

1049, Bailing Hay.

1069, Tuberculosis in Live Stock.

1075, Unfermented Grape Juice—How to make it.

1080, Preparation of Barreled Apples for Market.

1113, Poultry Houses.

1175, Better Seed Corn.

Department Circular 25, Points for Egg Buyers.

74, Points for Egg Breakers, How to Break Eggs for Freezing.

98, The Installation of Dust-collecting Fans on Threshing Machines for Prevention of Explosions and Fires and Grain Cleaning.

Copies may be obtained free by addressing the "Division of Publications, United States Department of Agriculture, Washington, D. C." Specify number and name and whether "Farmers' Bulletin or "Department Circular."

Some Facts About Judsonia

(By L. D. EATON)

Judsonia is in White county, 56 miles northeast of Little Rock, on the main line of the Missouri Pacific railway, one of the best sections of Arkansas. It has a population of 1,000.

The principal crops are strawberries, Irish and sweet potatoes, cotton, tomatoes and cantaloupes. The soil is adapted to most any kind of a crop that can be raised in Arkansas. In 1921 Judsonia shipped 142 cars of strawberries, and in 1922 203 cars. Strawberries generally average about \$200 per acre, net, to the grower. Irish potatoes and sweet potatoes are shipped by carloads to the northern markets.

Judsonia has an electric power plant and one of the largest crate factories in the state. There is an hydro-electric dam under construction on Little Red River eight miles from Judsonia. We also have a cotton gin which gins from 600 to 1,000 bales each year. We have two banks with a capital of \$60,000 and a surplus and resources of over half a million dollars. Judsonia is the central town of the truck growing section of White county. Judsonia has one of the best high schools in the county, and three churches of different denominations. The people have always been progressive in the matter of good schools, churches and good roads. We are surrounded by one of the best farming sections in Arkansas. Land in this section is cheap compared to other sections that do not produce as much wealth per acre. The country is thickly populated, but there is room for many more.

Prices of Products Sold by Farmers in September

Hogs (live weight) 100 lbs.....	\$ 7.
Beef cattle (live weight) 100 lbs.	3.
Veal calves (live weight) 100 lbs	4.
Sheep (live weight) 100 lbs.....	3.
Lambs (live weight) 100 lbs.....	5.
Milch cows, per head.....	29.
Horses, per head.....	61.
Milk (whole) wholesale, gal.....	
Milk (whole) retail, gal.....	
Wool (unwashed) lb.....	
Wool (washed) lb.....	
Apples, bu. of 48 lbs.....	
Apples, barrel.....	3.
Peaches, bu. of 48 lbs.....	1.
Peanuts, lb.....	
Beans (dry) bu. of 60 lbs.....	3.
Sweet potatoes, bu. of 55 lbs.....	1.
Cabbages, 100 lbs.....	3.
Onions, bu. of 57 lbs.....	1.
Timothy hay (loose) ton of 2,000 lbs.	16.
Clover hay (loose) ton of 2,000 lbs.	15.
Alfalfa hay (loose) ton of 2,000 lbs.	16.
Prairie hay (loose) ton of 2,000 lbs.	7.
Clover seed (red) bu. of 60 lbs.....	8.
Timothy seed, bu. of 45 lbs.....	4.
Alfalfa seed, bu. of 60 lbs.....	8.
Tobacco, lb.....	
Cotton seed, ton of 2,000 lbs.....	22.
Eggs, doz.....	
Chickens (live weight) lb.....	1.
Cowpeas, bu.....	1.
Kafir corn, bu. of 56 lbs.....	1.
Cream, per lb. of butter fat.....	.33

Prices of Products the Farmer Buy

Clover seed (red) bu. of 60 lbs.....	\$11.5
Timothy seed, bu. of 45 lbs.....	4.8
Alfalfa seed, bu. of 60 lbs.....	11.5
Bran, ton.....	26.5
Cottonseed meal, ton.....	43.0
Cottonseed hulls, ton.....	11.8

Picking and Handling Cotton

The value of cotton is determined primarily by its grade. Grade is affected by the amount of leaf, dirt, and other extraneous matter, color of fibre and the manner in which the cotton is handled in the fields and through the gins. Growers should see that their cotton is carefully picked and kept as free as possible from trash and dirt. Mildewed or half rotten bolls should not be picked and put in with good cotton. Pickers should not be allowed to gather cotton off the ground and put it in with good cotton. If there is much cotton on the ground, or mildewed, half rotten, or otherwise of poor character, it should be separately handled and put in separate bags. It is better to make one small bale of low grade cotton than to spoil a whole crop by mixing in a little bad with the good. If even a small quantity of low grade cotton is found in a bale of otherwise good cotton, the whole bale is likely to be classed as if it were all low grade cotton. Cotton should not be picked too soon after a rain or too early after a heavy dew. Ordinarily it is best to have the picking bags emptied on sheets in the sun so that the cotton can dry out before it is ginned. Seed cotton should not be stored in contact with the ground or on concrete floor because the moisture in the ground or in the floor will be soaked up by the cotton on the bottom and may damage the whole lot when it is ginned. Seed cotton should be stored under shelter and, if possible, on a wooden floor off the ground. If the cotton is dry, the ginning is facilitated and the grade and character of the cotton are better.

The ginning of damp cotton is the principal cause of what is known to the trade as gin-cut, and the dampness is likely to result in deterioration of the staple after it is baled. Even if only a small portion of the seed cotton is damp, if it is allowed to go through the gin with the cotton that is dry, it may give the whole lot the appearance of being poorer in character than it really is. Careful attention to these matters means dollars in the selling price of the cotton.

FARMS FOR SALE

White County Farm for Sale—250 acres, 100 in cultivation and 80 in creek bottom; good improvements; excellent water; on R. F. D. and one-quarter mile from school; for sale or rent. Located in southwestern part of White county. S. H. Moles, Vilonia, Ark.

For Sale or Exchange—141 acres located on Subiaco mail route; five wells of water, good garden and outbuildings; large pasture with running spring the entire year; rural telephone; on highway; near school, church, stores and blacksmith shop. E. H. Shirley, R. F. 1, Subiaco, Ark.

White River Bottom Farm—133 acres with 15 acres in cultivation; balance can be cleared easily; and will produce from 85 to 100 bushels of corn per acre, also one and one-half bales of cotton per acre; excellent for raising hogs; good fishing at Horseshoe Lake, which is adjacent to the farm. Will sell or trade; \$20 per acre. Four miles from Russell. H. McCreedy, Russell, Ark.

Black Sandy Loam Farm—80 acres in cultivation; about 10 acres deadened and 80 in timber; soil especially adapted to growing cotton, corn, clover, wheat, oats, potatoes, etc.; two dwellings, one four-room house and one two-room house; barn and other outbuildings. On the "Ozark Trail," near four towns and two railroads. Price reasonable. George A. Lamb, Bono, Ark.

Lincoln County Farm—160 acres, 50 acres in cultivation, 70 fenced and balance in timber; about one-half of the tract is creek bottom land; two wells and two sets of improvements; located six miles southwest of Star City; near school, church, store and highway. Price, \$10 per acre; terms or cash. V. Parnell, Rest, Ark.

\$4,000 Buys a Good Mountain Farm—108 acres with 50 acres in cultivation and 15 more can be cleared; gently rolling; seven-room house; three good barns; smoke house with four rooms; two wells of splendid water; near two railroad stations; on public highway; old age reason for selling. J. M. Nunn, Havana, Ark.

40-Acre Ozark Farm—20 acres in cultivation, balance in pasture and timber; modern five-room bungalow, barn, three chicken houses, two springs, some fruit and berries; excellent place for poultry; good ground for grapes; one mile from health resort; near church and school. Bargain for \$4,000, crop included; one-half down and balance on terms. John A. Oberg, Sulphur Springs, Ark.

Cleveland County Farm—63½ acres of upland, 25 acres in cultivation, 30 in pasture and rest in timber; 3-room house; orchard, implements, two cows, two horses, 50 pure bred S. C. Rhode Island Red chickens; good water, pond in pasture. Price, \$50 per acre. T. W. Channing, New Edinburg, Ark.

40-Acre Fruit Farm—30 acres in open field, 10 acres in pasture; all under hog wire fence; good spring of everlasting water; 150 bearing Elberta trees; 400 trees will bear next spring; sufficient pears and apples for home use; small new house and good barn; 1¼ miles west of Gillham; desirable for permanent home. Price \$65 per acre. J. J. Roberson, Gillham, Ark.

Faulkner County Farm—240 acres, 80 in creek bottom and 160 in the hills; neat 5-room house; good barn, excellent water; orchard; splendid neighborhood; near school and on highway. Five miles north of Cato. Price \$3,000; \$1,500 cash, balance on terms. Sam Orick, R. F. D. No. 1, Cato, Ark.

215 Acres in North Baxter County—Partially improved, on good road; close to school; 2½ miles south of Howard. Good road; timber, water and range. Owing to old age and lack of help owner will sell at a bargain. Also 60 acres in south part of county near railroad, on easy terms. M. T. Ailman, Cassville, Ark.

Faulkner County Farm—200 acres 1½ miles from Damascus and 20 miles north of Conway; four houses, six wells, two springs, five barns; small orchard; 150 acres cleared; price \$4,500. Terms on half. N. Wilkes, R. 1, Damascus, Ark.

St. Francis Valley, Walkout Proposition—160 acres, 110 in cultivation, about 70 in cotton, 40 in corn, alfalfa and sudan; five mules and farm tools to run place, some corn and 9 tons of hay; 1½ miles east of Forrest City; on gravel road. Four tenant houses and residence. Price \$120 per acre, almost immediate possession, or land, stock, corn, old corn and 9 tons of hay \$100 per acre. Possession Jan. 1, 1923, \$5,000 cash, terms like rent on balance, 6 per cent interest. L. R. Stedley, Heth, Ark.

Tract Near Center—130 acres, 90 in cultivation; 40 acres fine bottom and 16 in alfalfa, 5-room house; good barn and out buildings. A bargain at \$3,500. J. C. Gibbons, Center, Ark.

100 Acres of Good Unimproved Land—Most all can be cultivated; on highway, in northwest corner of Van Buren county, near school, church, store and postoffice, team of horses with two saddles and harness, two cows, hogs, crop and new household goods. If sold at once will take \$1,000 for everything. Would take Ford car as part pay. Elmer Housley, Chiles, Ark.

Good Farm Near Alpena Pass—191 acres, 75 under fence and in cultivation; seven miles from railroad; rural phone

system; 3-room house, three barns; near school and church. Will sell at a bargain if taken at once. Joe H. Bell, R. F. D. 2, Box 37, Alpena Pass, Ark.

Crawford County Fruit Farm—80 acres, 15 acres woodland and pasture; 1,500 Elberta peach trees; grapes, plums, apples and cherries; good 7-room house; two wells, one spring; in the heart of the peach, strawberry, cantaloupe and watermelon belt; near three shipping points. M. C. Cowert, R. F. D. 3, Box 24, Alma, Ark.

100 Acres of Fine Valley Land—Well improved; 75 acres in cultivation and balance in pasture, all under fence; 5-room painted house; large barn, concrete cellar and other outbuildings; two wells; 2-acre orchard; on highway, one-quarter mile from town; splendid neighborhood. A bargain at \$4,000, terms if desired. Ant Rogers, Bee Branch, Ark.

169 Acres for \$1,200—Half down, balance to suit buyer; 30 acres in cultivation; 4-room house, large barn; good well, two springs, running water through farm; 14 miles from Hot Springs; 1½ miles from school and church; near good fishing and hunting ground. J. R. Brewer, Traskwood, Ark.

Unimproved Tract in Baxter County—200 acres, no improvement, good timber, plenty of water; four miles from county seat; \$5 per acre, time on part. W. S. Morris, Mountain Home, Ark.

Polk County Bargain—37 acres, 30 in cultivation; good house, barn and other outbuildings; excellent orchard; one acre in Bermuda; near school and church; 16 head of cattle. Price \$1,000, will consider a good team and wagon. J. C. Wade, R. F. D. 3, Mena, Ark.

160 Acres Under Fence—One-third of land cleared; level, black soil; 4-room house; deep well of good water; 1½ miles west of Gurdon; \$25 per acre. H. A. Burke, Route A, Gurdon, Ark.

Three Cross County Farms—480 acres with 140 in cultivation balance in timber; good residence and barn; well improved; on public road and at school. Price \$8,000. 500 acres, prairie or rice land, unimproved, well located. Price, \$25 per acre. 80 acres, 60 in cultivation, large residence; near Wynne. Price, \$2,000. Shaver & Shaver, Wynne, Ark.

Stock Farm—220 acres with 75 in cultivation, in four separate fields; two houses and barns; orchard, four springs, 100,000 ft. saw timber; 40 acres waste land, balance level and clear of stone; ideal for stock raising; near school and church, also test oil well and Hydro-Electric Dam; 16 miles from Heber Springs, health resort. Price, \$4,000, or would trade for small place. Lee Gallegly, Pangburn, Ark.

72 Acre Farm—20 acres cleared, 40 tillable; 3-room house, barn, good well, healthy location, near pike; Price, \$400, half cash, balance terms; would take good Ford car. J. W. Crow, Scotland, Ark.

Sevier County Farm—117 acres, all fenced with about one-half in cultivation; 32 acres in strawberries; 7-room house, barn and other outbuildings; 2-room tenant house; light plant. Price \$10,000, reasonable terms. T. J. Browning, box 421, Horatio, Ark.

Three Benton County Farms—26 acres fenced and cross fenced; about 20 acres cleared; three acres in strawberries and one-half acre in blackberries; 4-room house and smokehouse; spring and pond close. Price \$2,000. 80 acres fenced and cross fenced, 40 cleared; land mostly smooth. Five miles from Gentry. Price \$2,500. 12 acres of rough land, all fenced and cross fenced; good water; five miles from railroad station. Will sell or trade. Price \$1,500. W. D. Setser, Decatur, Ark.

River Bottom Farm—425 acres with about 250 open land; good soil. Price \$25,000. John W. Howard, Smithville, Ark.

Newton County Farm—103 acres, 50 in cultivation; sandy loam; part gravelly flint; new 4-room house, good barn and outhouses; excellent water; good fences; 2½ miles to town. Price \$1,500, liberal terms. J. W. Strong, Mt. Judea, Ark.

40 Acres of Mineral Land—Good property, up-to-date mill; plenty of ore in sight. Price \$20 an acre. Also 80 acres in upland farm, 35 in cultivation, 40 fenced; 2-room house; large barn and garden; eight acres in clover, timothy and orchard grass; near postoffice, school and church. Ill health reason for selling. Price \$10 per acre. R. C. Barnes, Freck, Ark.

Tract Near Arkadelphia—80 acres, on half black land and the other half gray; 30 acres under fence and 22 in cultivation. Near the Sloan oil well, now being drilled. Price \$20 per acre. J. P. McSwain, Arkadelphia, Ark.

40 Acres for Exchange—Timber land in Stone county; will trade for brown leghorn hens or Ford car. State what you have to exchange. Mrs. Nora Lewis, Kakoka, Ark.

Madison County Farm—160 acres on Kings river, near Washington Highway, all fenced with wire and rails; 100 acres in cultivation; new 7-room bungalow; good barn and outbuildings; excellent garden and orchard; two springs; near school. Price \$5,000, terms. Will exchange for smaller place; old age prevents managing such a large farm. J. H. Gibbs, Marble, Ark.

120 Acres in Fruit Belt—70 acres cleared, eight in meadow and the rest in timber; fenced; family orchard; three wells; in strawberry and fruit belt; 2½ miles from railroad station; on highway. Low price and reasonable terms. T. D. Casper, R. F. D. 1, box 58, Subiaco, Ark.

For Sale or Trade—50 acres, all tillable and will grow anything; 10 acres in apples; new 6-room house; two wells; spray rig, Ford Tractor, orchard disc and other equipment goes with place; located on rock road, near three good towns. Prefer to trade for residence property in any good town in southwest. L. H. Gregg, Bentonville, Ark.

Ozark Mountain Farm—230 acres, 75 in cultivation; two good houses and barns; cellar, two wells, spring, free range; near school and Jefferson Highway; 450 Elberta peach trees; apple orchard; timber, pine and oak; nine miles from Clarksville. For further information address W. D. McKay, Zaddock, Johnson county, Ark.

Perry County Farm—169 acres, 90 acres cleared, 70 in cultivation, 20 in pasture; one modern 6-room house; 2 tenant houses; two barns; good well water and two springs; \$1,000 worth of good timber; good family orchard; cows, hogs and mules, etc. 1¼ miles from Court house; on public road. If sold at once will sell at half value. Old age cause of selling. O. F. Wood, B 44, Perryville, Ark.

Colonization Tract—in Clark and Pike counties, Southwest Arkansas—45,000 acres in a body with 30,000,000 feet of pine timber; 35,000 acres can be cultivated and the remainder is fine orchard land; well watered and drained; four oil wells are being drilled nearby and the country abounds in minerals of different kinds; land is adjacent to the Caddo and Antoine rivers and to the Missouri Pacific and M. D. & G. Railroads. Price very low, on terms of \$1 an acre down and the rest to suit purchaser. This is a fine, healthy country especially suited to fruit-growing and stock-raising. P. C. Allen, Nashville, Ark.

40 Acre Farm—Good frame house; barn crib; smoke house, hen house; fine well water; 25 acres in cultivation; 6 in pasture; the rest in pine timber; fine for any kind of crops; black loam sand; ¾ mile from town; on public road; will sell for \$300 cash; balance in trade; Ford car in part. J. H. May, Pike City, Ark.

Madison County Farm—160 acres, ¾ mile to school and 2½ miles to town; 40 acres in cultivation, 40 in pasture and 80 in timber; soil flint rock loam with fruit main crop; 1,000 bearing fruit trees; house, cellar, poultry house, barn, fruit dryer; fenced with hog tight wire and rails; will sell farming tools, cultivators, plows, spraying outfit; \$100 worth of lumber for repairs. \$2,500 for all or \$1,500 cash and balance to suit purchaser. G. W. Matsler, Marble, Ark.

Hoone County Farm—61 acres, 40 in cultivation, 8 acres clover meadow, 15 acres good corn; good timber; 4-room house, barn, orchard, 1¼ miles from Western Grove, Ark. If sold at once will take \$2,500 for place and crop. Write Walter Hudson, R. 1, Everton, Ark.

Newton County Farm—90 acres, 16 acres in cultivation, under fence, 3-room house, 3 lasting springs, 100 fruit trees, 1¼ miles to school, 2½ miles to post-office, 15 miles to county seat, 1 mile to public road. Price \$600. J. F. Spark, Waldron, Ark. Star Route.

Marion County Farm—26 acres, 20 in cultivation, 6 in timber, 50 bearing fruit trees, 7-room house, good well, cellar, barn, 1½ miles to White River, daily mail, 8 months school close by, good auto road to railroad. Write Carb Jones, Yellville, Ark.

For Cash or Exchange for Small Farm—Store building and 3-room residence attached; three doors from postoffice in best part of business district; good railroad town; suitable for any kind of business. H. E. Frost, Lock Box 184, Calico Rock, Ark.

Clay County Land on Easy Payments tracts of 80, 60 and 40 acres in one of the richest and fastest growing sections of Arkansas, improved and unimproved, offered on terms that will enable any man, with a small start, who is willing to work and economize to buy a home. Write for prices. D. Hopson, owner, Southern Trust Building, Little Rock.

Wanted Arkansas Farm—Several families near Mosquero, New Mexico, have good grain farms they wish to trade for Arkansas farms of 40, 60, 80, 100 or 160 acres. One man has 240 acres, good house, barn, young orchard, fine water. Prefer farms with some fruit in healthy place. J. C. Driskill, Mosquero, New Mexico.

Farm Near Green Forest—140 acres in cultivation, 50 acres clover, 7-room house, 2 rent houses, 2 barns, small orchard, plenty water, getting old; can't handle it; will sell implements if wanted. W. B. Allen, R. 1, Green Forest, Ark.

Stone County Farm—180 acres, 70 acres in cultivation, 40 acres more can be cleared and rest can be used to a good advantage. 3 good springs, 3-room house, 2 barns, sweet potato house, 2 good orchards of apples and peaches, 4 miles north of Arlberg, ¼ mile of school and church, healthy place. Isaac Simmons, Arlberg, Ark.

Marion County Farm—80 acres, 75 fenced, 30 in cultivation, fruit trees, 6 Jersey cows, 1 good Jersey male, wagon and team, 5 miles from Yellville, 1 mile from Flippin, good for

dairy and poultry. J. W. Chapman, B 82, Flippin, Ark.

Baxter County Farm—100 acres good land, 20 in cultivation; 8 apple trees; 20 peach trees; good meadows and pastures; timber, pine, hickory, white oak and black oak; 3-room house and barn; one mile from pike road. Price \$500. Will give terms. S. W. Itece, Big Flat, Ark.

Will Exchange 10 Acres—Unimproved land for a Ford car or truck; timber, cedar, pine, oak and hickory; prospects for minerals. Thurlio Itece, Big Flat, Ark.

Clay County Farm—100 acres, all cleared; 60 acres bottom, balance gently rolling; on main road; daily mail and telephone line; 5 miles from two railroad stations; 1 mile from country store, church and school; lots of neighbors; 3-room house; Price \$3,700, half cash, balance easy terms. J. A. Cope-llin, Piggott, Ark.

Nevada County Farm—120 acres, 60 acres in cultivation, pasture; good six-room house; barn, one tenant house; 1½ miles to church and good eleventh grade school; 2 miles to depot; 1 acre strawberries; Old age cause of selling. F. M. Carnes, R. 2, Emmet, Ark.

Stock, Grain and Fruit Farm—115 acres; 2½ miles from Rogers; on hard road; ¼ mile from school; 44 acres in cultivation, 10 acres cleared; 6-room house; 6 stanchion dairy barn; horse barn; grain house; other buildings; well, cistern, spring; 425 bearing apple trees; 75 peach trees; 50 acres timber; tame grass pasture; hog pasture; all fenced and cross fenced; phone and mail; 35 acres of this would be sold separately, 22 acres in cultivation and has fruit, timber and pasture; no buildings on this. Price for all \$9,000, part cash, balance terms; or \$2,500 for 35 acres. P. M. Kokanour, R. 3, Rogers, Ark.

Montgomery County Farm—166½ acres; 80 acres branch bottom, 40 acres in cultivation; free range; good springs; 2 wells, 2 houses, 2 barns; family orchard. Will sell stock and crop if wanted or will lease and furnish cows and hogs; on terms, or will sell 80 acres that joins homestead land with timber on it; 1 mile to saw mill and 2 miles to church, school and store. J. T. Smith, Caddo Gap, Ark.

Berry, Fruit and Poultry Farm—80 acres, all growing crops; 2 cows, 2 calves; tools; 35 chickens; good six-room house, new barn, hen house, wood house; family orchard, good water; pasture, native and tame grass; 30 acres cleared, balance timber. W. D. Leonard, R. 1, Mena, Ark.

Cleveland County Farm—14 acres in cultivation, 20 under fence; good dwelling house; four farm houses; good barn; 75 fruit trees; plum orchard; 1 good team; 3 cows; tools. Price \$3,000. A. N. Coleman, R. 1, Box 87, Kingsland, Ark.

Sharp County Farm—58 acres, 20 in cultivation, 40 under fence, meadow; 5-room house, cellar, 8x35 poultry house, 2 good barns; near school; ¼ mile to store. Price \$1,500. Also want to sell 7 year old mare with colt; 1 good horse; 4 cows with calves; 1 wagon, 1 National buggy, 13 head Duroc hogs; 100 Brown Leghorn hens; all farm implements; 125 bushels corn, lots of hay etc. All for \$2,300. Grover Sanders, Sitka, Ark. Would take a good Ford.

160 Acres Well Improved Farm—All fenced, 70 acres in cultivation; 6-room house; 2 barns; plenty fruit; well watered; on public road; close to church and school; will take a reasonable payment down. Will take good Ford, remainder on terms. J. B. Smith, R. 2, Mountain Home, Ark.

Madison County Farm—178 acres upland, 35 acres in cultivation, 148 acres fenced; good orchard; 1 house; good spring; 1¼ miles to school and church; 1 mile to town. Price \$1,000. Olen Jackson, Aurora, Ark.

Near Cleveland, Ark—80 acres with new 5-room house; barn; 20 acres cleared; rest in woods and pasture; good level land; ¼ miles to school; 1 mile to town. Price \$2,000, part cash and rest on terms; will also sell tools and stock. Also have two saw-mills situated near lots of timber, near Cleveland; will trade for other property or sell for other land or cash. Harper Brock, Cleveland, Ark.

Black River Bottom Land—124 acres rich bottom land on bank Black River; 3 miles from Corning; all in timber. Also have 80 acres hill land near Poplar Bluff, Mo., all in timber. Have two dwelling houses, three business houses, three vacant lots, grocery store that I want to exchange for improved land. Write W. J. Hubbard, Dell, Ark.

Randolph County Farm—100 acres good upland, 90 acres under fence, 75 acres in cultivation; good six-room house; cistern and well; barn 36x36; other buildings; good school ½ mile; near church; near Maynard, good school town. Price \$2,200 if sold in next 60 days; terms on half if wanted and will take Ford car or Overland. John D. Kerley, R. 1, Box 46, Peach Orchard, Ark.

160 Acres Good Farm Land—All fenced; 3-room house; ¾ mile to school; 2 miles from town, high school, churches and railroad; good spring. Price for quick sale \$3,000. W. S. Davidson, R. 1, Gravette, Ark.

Fulton County Farm—112 acres, 30 acres rich valley in cultivation; large pasture; 6-room house; large barn; all located on a round hill; apple orchard; Price \$3,700, 1-3 cash, balance on long time. J. W. Ketchersid, Wheeling, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

For Sale

CATTLE

Holstein bull, Canary Calantha Lad II; three years old; weighs 1800 pounds; don't need him is reason for selling. S. J. Whiteside, R 2, Box 98, Decatur, Ark.

Two registered Jersey bulls; eighteen months old; solid color; good conformation; eminent breeding; \$75 each; registered and crated. W. Arthur Jones, Paragould, Ark.

Four registered Jersey cows; fresh in Sept., and Oct. Heavy milkers. \$100 each. W. Arthur Jones, Paragould, Ark. F. J. Greiner, Mena, has six purebred Shorthorn cows and heifers, four yearling bulls and four bull calves.

District Agricultural School, Jonesboro, has several head of registered Aberdeen-Angus heifers and a few animals of the other beef breeds. The Aberdeen-Angus herd bull of the school will be sold or exchanged.

W. D. Ezell, Dewitt, has three registered Holstein bulls for sale. \$100 each. T. A. Collins, Ben Hur, writes that his community has for sale 150 head of range cattle, all ages and sizes.

Holsteins—One registered cow 5 years old, one registered bull 4 years old, one 6-months-old heifer subject to registration, one 9-year-old grade cow, one 6-months-old grade heifer, one 6-weeks-old grade heifer and one 3-year-old grade heifer with first calf. Will sell any or all at a reasonable price considering quality of stock. W. L. McCord, R. F. D. No. 2, Rogers, Ark.

Herd of Aberdeen Angus, 14 cows, calves and heifers. Will sell at a very reasonable price. Joe M. Rogers, Paragould, Ark.

CATTLE WANTED

W. L. Callaway, Bethesda, wants a Shorthorn bull from a cow with a good milk record and a good sire.

E. E. Parette, Morrilton, wants several registered Angus heifers.

T. W. Bailey, Forrest City, wants three polled Hereford bulls and 35 or 40 head of good grade cows.

Aberdeen Angus bull calves, only first quality and registered. C. N. Elliott, Cedar Creek, Ark.

HOGS

Registered Duroc-Jersey pigs, two to four months old, \$7.50, \$10 and \$12.50. L. W. Owens, R 2, Bingen, Ark.

Hampshire hogs, tried sows and pigs, either sex. Forrest P. Owens, Bingen, Ark.

Big Type Poland China pigs, that were sired by one of the finest, largest and best bred sows of Designer, that sold for \$30,000, out of extra large sows that were sired by a 1,100 pound boar. For quick sale, these pigs will be sold at the price of common Polands. Barbee Stock Farm, Monticello, Ark.

Big bone Poland China boar, registered and cholera immune; \$35. G. H. Collar, R 7, Conway, Ark.

Big Type Poland China pigs, all sizes and ages; can furnish pairs or trios not related; all eligible to Arkansas State Futurity and priced to sell also a few bred gilts and service boars. W. Arthur Jones, Paragould, Ark.

Duroc-Jersey pigs for sale. Lankford Nursery, Bergman, Ark.

T. J. Ragland, Monticello, has several Poland China boars for sale.

H. D. Northrop, Rushing, has Poland China hogs for sale and is now offering tried sows, open gilts, young boars and gilts from five weeks to five months old. He is also offering his two-year old herd boar, Longview Bob, Jr., 319105, for sale.

W. D. Ezell, Dewitt, has Duroc-Jersey and Poland China pigs for sale from \$10.00 up.

Prolific big bone Poland China pigs. October delivery, either sex; registered in your name, \$15 each, f. o. b. Rogers. W. L. McCord, R. F. D. No. 2, Rogers, Ark.

Big type Poland China gilts and pigs of Wonder Buster breeding. Joe M. Rogers, Paragould, Ark.

FEEDER HOGS WANTED

W. H. Suffern, 1845 Wilcox Ave., Hollywood, Cal., wants 1,000 to 1,500 feeder hogs weighing from 60 to 100 each to be shipped to Hammond, Ill., about Oct. 1.

W. G. Asmond, county agent, Athens, Tenn., wants several cars of feeder hogs.

J. R. O'Neal, Greenville, Miss., wants several cars of feeder hogs.

BREEDING HOGS WANTED

Poland China hogs. R. L. Reynolds, Smith-Hughes Instructor, McCaskill, Ark.

GOATS

Flock of goats, a few cattle and horses and will rent my place on shares. Emile Roth, Williford, Ark.

Toggenburg buck, registered and extra large; a splendid breeder. Barbee Stock Farm, Monticello, Ark.

Fletcher Farm, Scott, Ark., has about 125 head of goats for sale.

One hundred and fifty goats for sale; 2000s, weanlings up. Price \$1.75 per head for whole herd if taken soon. Hollyview Farm, Jas. A. Logsdon, Mgr., Delight, Ark.

POULTRY

S. C. Brown Leghorn cockerels, \$1.50 each, f. o. b. Greenwood. Certificate with each fowl. T. C. Harris, R 2 Greenwood, Ark.

White Leghorn cockerel and pullets; splendid laying strain. Barabee Stock Farm, Monticello, Ark.

Pure-bred Red Bourbon turkeys; toms, \$8.50; hens, \$6; trio \$20. Mrs. Tella Stewart, King Mills, Ark.

Choice S. C. White Leghorn pullets and cockerel, \$17.50. Mrs. Tella Stewart, King Mills, Ark.

Ducks, Murrell Johnson, Sonora.

Single Comb Brown Leghorn hens and cocks for sale or exchange for S. C. White English Leghorn hens or Bronze Turkey hens. Mrs. D. C. Davis, R. F. D. No. 1, Pangburn, Ark.

Pure bred S. C. White Leghorns bred for utility; cockerels \$2. If they do not please send them back. Cecil Elliott, Cedar Creek, Ark.

Buff Wyandotte cockerels, rich golden buff and from a heavy laying strain. Price \$2 each; lots of six, \$1.50 each. Satisfaction guaranteed. Evergreen Farm, Grandin, Mo.

SEEDS AND PLANTS

Spanish peanuts, as they come from the picker, 4 cents a pound; hand picked and re-cleaned; 5 cents a pound. Forrest P. Owens, Bingen, Ark.

Abruzzi seed rye, re-cleaned, \$2.50 a bushel; Fulghum oats, \$1. Seed approved by the Arkansas Seed Growers' Association. Howard N. Thomas, Alexander, Ark.

Abruzzi seed rye, Georgia grown, \$2.75 a bushel f. o. b. Cairo. W. H. Robinson, Cairo, Ga.

Progressive ever-bearing strawberry plants; Cumberland, Raspberry and early harvest Blackberry plants. Write for prices. Roy Whitney, Garfield, Ark.

Apple grafts made to order. Lankford Nursery, Bergman, Ark.

Fig, pecan, peach and quince trees; roses, arbor vitae, camellia, japonica, farsythia, box wood, cydonia japonica, buddelia and other plants for sale or exchange; lowest prices; send for list. Ivan L. Butter, Box 92, Lecompte, La.

Ten thousand gladiolus bulbs, 15c per dozen, \$1.20 per hundred, \$11 per thousand and \$100 per ten thousand. Ivan B. Butter, Box 92, Lecompte, La.

MISCELLANEOUS

Saw-mill complete; with latest Heard blocks, tubular boiler, rope feed, every part in good running order. \$600. Write 2918 W. 13th St., Little Rock, Ark.

One 20 H. P. Fairbanks-Morse kerosene engine. \$500, worth \$800. Address 2918 West 13th, St., Little Rock, Ark.

Ensilage cutter; Silberman make; Case threshing machine; Case tractor engine and other machinery. Will sell cheap. H. A. Robbins, R 4, Eldorado, Ark.

Fresh clover honey, extracted, in 60 pound cans 10 cents per pound f. o. b. Natchitoches. Ten pound pail \$1.25. Mrs. John H. Williams, Jr. Natchitoches, La.

Pair of black and tan young tree hounds. Murrell Johnson, Sonora.

Bird dog, 18 months old. Andrew J. White, R 1, Belleville.

Roses, ever-blooming and climbers; iris, narcissus and gladiola bulbs, lilac, spirea, mock orange, japonica, wisteria, evergreen honeysuckle, clematis for sale or trade for other ornamental or berry plants. L. R. Gibson, Batavia, Ark.

Choice eating apples, bushel box or basket, \$1.50; 5-box lots, \$1.25. Choice dried, quartered apples, per 100 pounds, \$12; 50 pounds, \$6.25. Will buy some pure country sorghum. Bern Carlock, Springdale, Ark.

Fifty or 100 colonies of bees in eight-frame hives with lots of honey for winter; also a lot of comb and extracted honey in 5 and 10-pound buckets. If you wish to buy or trade, write for prices. C. H. Cobb, Belleville, Ark.

Stock of merchandise, store, post office, in thriving village; ten acres of land, good barn, store building 40x30 with glass front; 3-room dwelling; 22 head of cattle, one horse. All for \$1,250. Merchandise invoice about \$800, can reduce. J. T. Merrell, postmaster, Advance, Baxter County.

Wanted

Corn in carload lots; state price. Forrest P. Owens, R 2, Bingen, Ark.

Seed wheat; want to buy from grower. R. H. Toll, 2918 West 13th St., Little Rock.

Seed wheat. Howard N. Thomas, Alexander, Ark.

A second-hand shingle knife. W. H. Passmore, Oxley.

All kinds of crude drugs, roots, herbs and barks. We offer highest cash prices; price list sent upon request. Southwestern Crude Drug Co., Bristol, Va.

Inquiries for Arkansas Farms

E. C. Colby, 1010 Louisiana St., Vallejo, Cal., is thinking of settling in this state in the near future. He is particularly interested in Yell and Baxter counties.

O. C. Johnson, 3205 Holmes St., Dallas, Tex., asks for literature regarding homestead land in the state.

F. E. Hartzell, 61 East Oxford St., Alliance, Ohio, wants land suitable for fruit growing near a railroad town.

Information concerning the state has been sent to A. T. Myers, 559 West Broadway, Hoisington, Kan.

J. Allen Lenington, 4229 North Lawn-dale Ave., Chicago, Ill., care I. P. Bartlett, has received information on the homestead lands of the state. He is interested in fruit growing.

Harry E. Gale, P. O. Box 2403, Denver, Colo., desires to find out all the information possible about Arkansas, with the view of locating here.

Otto R. Wach, Hayes Center, Neb., wants to trade his property for a stock farm near Fayetteville. He would also like to engage in fruit growing.

Descriptive literature has been forwarded to Ira K. Black, R. F. D. No. 1, Aurora, Ind., who is thinking of locating in Saline county. He makes special inquiries about health conditions, schools and churches.

J. F. DeGroat, Pineville, Mo., is interested in the homestead lands in Arkansas.

Mike Schmidt, R. F. D. No. 3, Hopkins, Minn., says he is tired of a country where everything is frozen for seven months and is scorched by a drouth the other five months, and is thinking of coming to Arkansas.

Mrs. P. J. Fallon, 502 Fitch St., Albion, Mich., writes for information that would benefit a western homeseeker, about the soil and climatic conditions. She would like to have a small farm.

H. A. Sadler, Kanorado, Kan., has received literature regarding the agricultural possibilities of this state. He prefers land on which tractors can be used.

"Does it get cold enough in winter to kill insects, and how hot does it get in summer?" is the inquiry made by E. A. Bennett, Box 833, Port Arthur, Tex. He also wants to know about our soil and crop conditions.

M. R. Webb, Box 424, Wynnewood, Okla., asks for information about Arkansas.

E. Z. Margedant, R. F. D. No. 2, Morrill, Neb., is especially interested in the northwest part of the state and asks for prices on improved land.

At a rural picnic held in the Highfill community a comparison of notes brought out the fact, six women present had canned a total of 1,961 quarts of vegetables and fruits, and one woman, Mrs. R. W. Coast, 65 years old, living on a rented farm, was responsible for nearly 800 quarts. She stated that she still expected to put up a lot of apple butter and can a quantity of apples.

Good Books for the Farmer's Library

FARM ECONOMICS

Farm Management, by J. H. Arnold, published by The Macmillan Co., New York; price \$1.00.

Co-Operation in Agriculture, by G. H. Powell, published by The Macmillan Co., New York; price \$1.50.

Farm Accounting, by H. T. Scovill, published by Appleton Daniel & Co., New York; price \$2.25.

Marketing of Farm Products, by L. D. H. Weld, published by The Macmillan Co., New York; price \$1.60.

Farm Science, by W. J. Spillman, published by World Book Co., Yonkers-On-Hudson, N. Y.; price \$1.28.

Handbook for Farmers and Dairymen, by F. W. Folk, published by John Wiley & Sons, New York; price \$2.00.

BEE KEEPING

Productive Bee Keeping, by F. C. Pillett, published by J. B. Lippincott Co., Philadelphia, Pa.; price \$1.75.

ABC and XYZ Bee Culture, by A. I. Root, published by A. I. Root Co., Medina, O.; price \$2.50.

FARM MECHANICS

Laboratory Manual in Farm Machinery, by F. A. Wirt, published by John Wiley & Sons, New York; price \$1.35.

Agricultural Engineering, by J. B. Davidson, published by Webb Pub. Co., St. Paul, Minn.; price \$1.50.

Gas Engines On the Farm, by C. F. Hirschfield and T. C. Ulbricht, published by John Wiley & Sons, New York; price \$1.50.

Electricity On the Farm, by F. I. Anderson, published by The Macmillan Co., New York; price \$1.75.

FARM BUILDINGS

Farm Buildings, competitions of best plans from the Breeder's Gazette, published by Breeder's Gazette, Chicago.

Concrete on the Farm and in the Shop, by H. C. Campbell, published by N. W. Henley Pub. Co., New York; price \$1.00.

Farm Buildings, by H. A. Shearer, published by F. J. Drake & Co., 1006 Michigan Ave., Chicago; price \$1.00.

ANIMAL HUSBANDRY

Common Diseases of Farm Animals, by R. A. Craig, published by J. B. Lippincott Co., Philadelphia; price \$1.75.

Live Stock on the Farm, by W. Dietrich, published by W. B. Saunders, Philadelphia, Pa.; price \$1.50.

Diseases of Animals, by N. S. Mayo, published by The Macmillan Co., New York; price \$1.75.

Breeding of Animals, by F. B. Mumford, published by The Macmillan Co., New York; price \$1.75.

DAIRYING

Dairy Farming, by C. H. Eckles and G. F. Warren, published by The Macmillan Co., New York; price \$1.20.

Manual of Milk Products, by W. A. Stocking, published by the Macmillan Co., New York; price \$2.50.

Productive Dairying, by R. M. Washburn, published by J. B. Lippincott Co., Philadelphia, Pa.; price \$1.75.

FEEDS AND FEEDING

Principles of Feeding Farm Animals, by S. Ball, published by The Macmillan Co., New York; price \$1.75.

Feeds and Feeding, by W. A. Henry and H. A. Morrison, published by Henry-Morrison Co., Madison, Wis.; price \$1.75.

Dairy Cattle Feeding and Management, by C. W. Larson and F. S. Putney, published by John Wiley & Sons, 432 Fourth Ave., New York City; price \$2.50.

Productive Feeding of Farm Animals, by F. W. Wolf, published by The Macmillan Co., New York; price \$1.75.

FLORICULTURE AND FORESTRY

House Plants and Their Care, by H. Fendlay, published by Daniel Appleton & Co., 20 W. 32d St., New York City; price \$2.00.

Practical Book of Outdoor Rose Growing, by G. C. Thomas, published by J. B. Lippincott Co., Philadelphia, Pa.; price \$2.50.

Principles of Floriculture, by E. A. White, published by The Macmillan Co., New York City; price \$2.25.

Farm Woodlot, by E. G. Cheyney and J. P. Wentling, published by The Macmillan Co., New York City; price \$2.00.

Farm Forestry, by J. A. Ferguson, published by John Wiley & Sons, 432 Fourth St., New York City; price \$1.25.

FRUIT GROWING

Principles of Fruit Growing, by L. H. Bailey, published by The Macmillan Co., New York City; price \$2.00.

Pruning Manual, by L. H. Bailey, published by the Macmillan Co., New York City; price \$2.50.

Bush Fruits, by F. W. Card, published by the Macmillan Co., New York; price \$1.75.

Strawberry Growing, by S. W. Fletcher, published by The Macmillan Co., New York; price \$1.75.

Peach Growing, by H. P. Gould, published by The Macmillan Co., New York; price \$2.00.

The Apple, by A. E. Wilkinson, published by Ginn & Co., 70 Fifth Ave., New York; price \$2.00.

Manual of Gardening, by L. H. Bailey, published by The Macmillan Co., New York; price \$2.50.

ARKANSAS FARM AND MARKETING BULLETIN

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BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 11

LITTLE ROCK, ARKANSAS

November, 1922

More Cotton on Less Acreage and Increased Production of Feed is Urged as a Better Farming Plan

BY A. D. McNAIR
Agriculturist, Arkansas Extension Division

(Written for The Bulletin)

MY general idea is that if we were to pay more attention to raising better crops we would not only increase our production of feed stuffs, but we could then raise as much cotton as we do now on a much smaller acreage. The average family does not find it easy or convenient to pick out more than six bales of cotton in a season, and if they would raise that number of bales of cotton on a smaller acreage they would release a certain acreage on which they would raise feed stuffs. For instance, they would easily raise as much cotton as they are now raising in this State on an acreage of, let us say, 2,000,000 acres, which would release 800,000 acres or more for feed stuffs.

In order to put the matter in a concrete form, however, I am going to present two systems, and will endeavor to show the superiority of the second one to the first one in the matter of producing feed, and in the matter also of producing something to sell. Let the first system be 15 acres of cotton and 15 acres of corn, which can be tended by one team of horses or mules and, let us say, with land of average fertility the farmer would get a third of a bale of cotton to the acre and 20 bushels of corn to the acre, which would give him a total production of five bales of cotton and 300 bushels of corn.

Let us take a second system under which he would have in rotation 10 acres of cotton, followed by a winter cover crop; 10 acres of cowpeas, planted in May and harvested in August; 10 acres of oats and the same 10 acres planted in cowpeas after the oats are harvested; also 10 acres of corn. This second system, with its legumes and winter cover crop, would in the course of one rotation bring the land up so that it would normally yield three-fifths of a bale of cotton to the acre and 30 bushels of corn to the acre; at least, these would be fair yields in comparison with the yields given for the first system on the same kind of land.

Under the second system, therefore, the gross production of cotton would be six bales; the production of corn 300 bushels, and there would be 10 acres of oats and 20 acres of cowpeas which could be made into hay or pastured down or used in whatever way it seems advisable. The second system would, therefore, not only produce greater quantities of feed stuffs, but would actually produce more of the money crops. Under either system one team could do all the work.

It will be interesting to compare the amount of labor required for these two systems respectively. With the first system, which embraces 15 acres of



Corn and Cotton Are Side Partners On the Best Conducted and Most Successful Farms

cotton and 15 acres of corn, the number of days of man labor and horse labor would be about as follows:

	Man Days	Horse Days
January	8	13
February	10	20
March	13	24
April	18	25
May	41	27
June	31	21
July	21	12
August	0	0
September	10	1
October	29	9
November	15	3
December	12	2
Total	208	157

Then with the second system the amount of labor required would be as follows:

	Man Days	Horse Days
January	8	9
February	7	13
March	8	16
April	18	32
May	33	28
June	34	34
July	20	22
August	8	8
September	26	24
October	38	18
November	22	3
December	13	2
Total	235	209

Strawberries This Year Netted Arkansas Growers More Than \$2,000,000.00

Figures herewith given as to carlot and less than carlot shipments in Arkansas do not include the total production. The local markets were, of course, supplied, and there was a very heavy home or farm consumption in addition. Further there must be added the amount of overripe berries for syrup production, upon which we have no figures.

It is very difficult to obtain the true average for the state in the matter of prices. Some carloads were a loss, others at the very start of the season brought as high as \$5.00 per crate. Probably a figure of \$2.00 per crate for all shipments would be a fair average. The northwestern section of the state averaged better than this, due to the better organization and to more favorable weather in the harvesting of the crop. Small points scattered

throughout the state, which had difficulty in making carlot shipments because of limited acreage, ran less. It is, however, safe to say that the crop brought the growers of the state somewhere over \$2,000,000.

The disposition of the crop is worthy of comment. About 62% moved nearly straight north. About 22% moved west and northwest; 12% east and northeast, and only 4% south and southwest.

The outlook for next year is problematical. Acreage has been increased probably 15% over this year, but there has been an injury estimated at about 20% to the bearing capacity of the plant beds throughout the state, due to drouth. Therefore it is unlikely that the crop for next year will be heavier than this year.

The second system would require a greater number of days of labor, taking the entire year into consideration, and yet there would be less man labor required in the hoeing season than in the first system.

These two systems are simply illustrative of what I mean. In some parts of the state other systems could be used, but the idea is to have a crop system which builds up your land, devoting a larger acreage to feed stuffs and a smaller acreage to the money crops, but raising, nevertheless, a larger total quantity of the money crop by reason of getting better yields.

Crop Plan of the Most Successful Cotton Grower

It has been found that those cotton farmers who in planning their cropping systems provide for sufficient acreages of corn, small grains, hay and other feed crops (including among these

cowpeas, peanuts, velvet beans and similar crops planted by themselves and interplanted among rows of other crops), not only to feed pigs, chickens, the farm stock and the family cows, but also to build up and maintain soil fertility, are able to produce cotton at low cost, and they get the best returns for land used and capital and labor expended. These farmers usually plan for as many acres of cotton as they can care for properly, and harvest early with the available farm equipment and such outside assistance as may be relied upon.

Proper care of the crop involves thorough preparatory tillage, proper application of fertilizers and manures, thorough cultivation, and thorough, persistent, combative measures against the boll weevil and other destructive insects.

After providing the farm needs, including fertility, and for such acreage of cotton as can be well cared for, other enterprises may be selected in order to make use of utilized land and labor. Such enterprise may increase food and feed for sale or for some productive live stock enterprise, but care must be taken that these added enterprises do not seriously compete with cotton in its labor requirements or tend to diminish the fertility of the soil.

Consumed either directly or in the form of meat and other animal products, corn is the principal source of the nation's food supply. Of approximately six and one-half million farms in the United States, nearly five million produce corn. Nearly one hundred million acres of farm land are devoted to the production of this single crop, which, in recent years, has reached more than three billion bushels.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Editor
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Stuttgart is to hold a rice festival on November 15, 16 and 17, the chief feature of which will be an exhibition of agricultural products.

The American Cotton Association, after declaring that the average cost of growing cotton this season is 24½ cents a pound, fixed 30½ cents as a fair price for the grower to receive, and urges that no cotton be sold at a less price.

Sales of horses and mules at the principal markets show an increase over the same period last year.

White county strawberry growers have formed a federation of their various local associations by organizing the White County Strawberry Association, with William Miller of Judsonia as president and W. T. McCombe of Bald Knob as secretary, the object being a closer co-operation in the buying of supplies and packing and selling of their products.

Varieties of different crops listed for sale by the Arkansas Seed Growers' Association receive two inspections, once in the field while the crop is approaching maturity, and a second time of a sample of the seed as it is prepared by the grower for sale. Association members agree to grow and prepare the seed for sale according to approved methods to maintain purity, freedom from certain diseases, and from noxious weeds. Buy your seed in Arkansas, if you can get seed from an approved source. In buying from members of the Arkansas Seed Growers' Association, be sure the seed purchased is sold with the official tag of the Association properly filled out and bearing the registration number of seed.

Final Report Shows 1600 Cars of Peaches from Arkansas

As nearly as can be computed, 1,670 cars of peaches were shipped from Arkansas this year. It is estimated that a full crop for the state will be in the neighborhood of 2,500 cars. So this year's crop may be regarded as a 70 per cent crop, allowance being made for the equivalent of about 100 cars shipped in less than carload lots.

Ninety per cent of the peaches shipped were Elbertas. Red Birds and Early Wheelers totaled about two per cent; Salways, Georgia Belles, Late Crawfords and scattering varieties, six per cent, and there are also quite a number of seedlings sold locally.

Five cars of Red Birds and about 45 cars of Elbertas were shipped from Highland, Pike county, in 20-lb. Cal-

ifornia boxes and were well received by the trade, especially in Chicago. This section makes a specialty of a ring pack in bushel baskets. For the state as a whole, probably two per cent were shipped in 20-lb. boxes; about five per cent in 6-basket crates, and about 93 per cent in bushel baskets. The tendency in late years has been toward the bushel basket and away from the 6-basket crate.

Shipments are made in all directions, but mostly north and northeast. Quite a number of cars reached Boston, New York City and even Toronto and Montreal—some go as far west as Denver and Cheyenne.

The 1919 census showed Arkansas with 3,342,000 bearing peach trees. Large decreases in the valley region and in northwest Arkansas have probably reduced the number to 2,940,000. Southwest Arkansas, which has about 40 per cent of the state's acreage, is increasing its plantings. This coming year there will be increased plantings in the vicinity of Morrilton, and in southeast Arkansas, around Bradley and Monticello.

BENTON COUNTY	
Station	Cars
Avoca	7
Bentonville-Centerton	11
Decatur	12
Garfield	6
Hiwassee	6
Lowell	8
Rogers	22
Siloam Springs	14
BOONE COUNTY	
Bergman	6
Cricket	2
Chapman	14
Batavia	7
Bellefonte	9

Strawberry and Cantaloupe Shipments by Stations for 1921 Season

The following is a list of shipments of strawberries by counties and stations:

BENTON COUNTY	
Station	Cars
Avoca	No report
Bentonville	4
Centerton	1
Decatur	65
Garfield	16
Gentry	35
Gravette	6
Hiwassee	9
Lowell	25
Rogers	4
Siloam Springs	7
BOONE COUNTY	
No report, probably 63 cars.	
CLAY COUNTY	
No report.	
CARROLL COUNTY	
Green Forest	4
Berryville	No report
CONWAY COUNTY	
Morrilton	27

Station	Cars	SEBASTIAN COUNTY	Cars
Jennings	1	Mansfield	10
Capps	40	SEVIER COUNTY	
Harrison	2	DeQueen	36
CARROLL COUNTY		Horatio	119
Berryville	6	WASHINGTON COUNTY	
Green Forest	5	Elkins	4
Eureka Springs	1	Farmington	119
CLARK COUNTY		Fayetteville	89
Amity	14	Johnson	52
CONWAY COUNTY		Lincoln	28
Morrilton	17	Prairie Grove	135
CRAWFORD COUNTY		Springdale	233
Waterworks	2	West Fork	6
Alma	34	WHITE COUNTY	
Lancaster	25	Bald Knob	188
Mountainburg	23	Beebe	42
Schaberg	9	Bradford	88
Van Buren	35	Garner	10
Mulberry	43	Griffithville	39
Rudy	120	Higginson	28
FRANKLIN COUNTY		Judsonia	203
Altus	9	McRae	210
Branch	9	Russell	26
Ozark	23	Searcy	29
FULTON COUNTY		Kensett	14
Mammoth Spring	2	Total carlot shipments for the	
HEMPSTEAD COUNTY		state	1081
Ball	9	Express shipments, small lots	125
Maxwell	15	Total shipments	1206
Nashville	32	CANTALOUPE CROP WAS SHORT	
JOHNSON COUNTY		The state harvested this year the	
Knoxville	20	crop from about 7,600 acres of cantaloupes, and the shipments are not	
Clarksville	150	quite two-thirds of those of last year.	
Coal Hill	58	Acreage, however, is also much re-	
Cabin Creek	146	duced from that of a year ago. Ship-	
LOGAN COUNTY		ping methods have been undergoing	
Booneville	1	some change, the larger demand being	
Subiaco	1	for the pony or flat crates. Probably	
LAWRENCE COUNTY		55% of the commercial crop of the	
Ravenden	1	state has been shipped in the flats, and	
LITTLE RIVER COUNTY		35% to 40% in standard crates, the	
Ashdown	1	balance being peddled by growers.	
Winthrop	4	Prices have not been very remun-	
PIKE COUNTY		ative. Flat crates have probably re-	
Highland	397	turned an average of 42c to the grow-	
Murfreesboro	4	ers, and the standards from 70c to	
POLK COUNTY		\$1.40, or an average of about \$1.00.	
Cove	5	Only the best graded and standardized	
Grannis	4	shipments brought the average price	
Hatfield	4	of \$1.30.	
Vandervoort	2	The salmon-tinted Pollock No. 10-	
Wickes	1	25 was the prevailing variety, as her-	
POPE COUNTY		etofore. Sevier and Hempstead coun-	
London	3	ties were, as usual, the heaviest ship-	
Russellville	63	pers, with Crawford county next.	
SEBASTIAN COUNTY		The following is a list of shipments	
Greenwood	3	by counties and stations:	
Hackett	25		
Lavaca	10		
SEARCY COUNTY			
Leslie	2		
SEVIER COUNTY			
DeQueen	2		
Gillham	1		
Horatio	8		
SHARP COUNTY			
Hardy	10		
WASHINGTON COUNTY			
Fayetteville	6		
Greenland	3		
Lincoln	33		
Prairie Grove	4		
Springdale	77		
Winslow	8		
YELL COUNTY			
Centerville	7		
Havana	4		
Total	1670		

CLARK COUNTY		Cars
Gurdon		1
Amity		3
Arkadelphia		19
CRAWFORD COUNTY		
Alma		5
Van Buren		80
Mulberry		2
HEMPSTEAD COUNTY		
Belton		21
Blevins		69
Hope		18
McCaskill		23
Tokio		10
Washington		15
Ozan		3
Arcadia		16
Deanyville		70
Dotson		65
Dunlap		53
Shady Grove		18
HOWARD COUNTY		
Nashville		14
JOHNSON COUNTY		
Knoxville		21
LITTLE RIVER COUNTY		
Winthrop		28
MILLER COUNTY		
Texarkana		5
MISSISSIPPI COUNTY		
Leachville		11
NEVADA COUNTY		
Emmet		11
PIKE COUNTY		
Delight		1
POLK COUNTY		
Hatfield		2
PULASKI COUNTY		
Little Rock		1
Jacksonville		4
Woodson		6
SEVIER COUNTY		
DeQueen		31
Horatio		251
Lockesburg		50
Gillham		2
Total carlot shipments for the		
state		649
Express shipments, small lots		60
Total shipments		709

FARMS FOR SALE

White River Bottom Land—133 acres, 15 acres fenced and in cultivation; will produce 50 bushels of corn per acre or one and one-half bales of cotton per acre. This land borders Horse Shoe Lake, a splendid fishing place, 4 miles from Russell, White county. Price \$15 per acre; half cash, balance easy terms. H. McCreedy, Russell, Ark.

Newton County Timber Land—160 acres, white and red oak, some pine. Will cut 75 cords of white oak stave bolts. Land is situated five miles south of Jasper on Jefferson Highway. Good barn, log house, everlasting spring; three-quarters of a mile from school; has a perfect title. For terms write S. H. Meek, Jasper, Ark.

Three Washington County Tracts—One consisting of 120 acres and two of 80 acres each. For prices write J. L. Snodgrass, Brentwood, Ark.

A Bargain Farm in Grant County—70 acres, fenced; 50 acres in cultivation, 10 in pasture and 10 in timber; 6-room house, large barn, 2-room tenant house, two good wells of water, everlasting spring in pasture. Also, 20 acres adjoining this tract, 18 in cultivation and two in timber; good outbuildings; water, vineyard, peach orchard. One mile from town and one-half mile from pike. Price \$40 per acre, part cash with balance on terms. Mrs. A. J. Greenlee, Sheridan, Ark.

80-Acre Farm in Cleburne County—35 acres under fence, 24 in cultivation; 3-room house, barn, several outbuildings; near church, school and postoffice; free range and good stock-growing country. Will trade for pony and light wagon and the difference. Twelve miles from Heber Springs. Bill Lewis, Drasco, Ark.

For Sale or Exchange—55 or 60 acres in cultivation, 35 acres in spring-watered pasture, which is adjacent to a 300-acre tract. Good 6-room house, outbuildings, orchard; located on state road, mail route and telephone line; near school, church, store and blacksmith shop; in high and dry part of the country. For further information write E. H. Shirley, R. F. D. 1, Subiaco, Ark.

41-Acre Fruit Farm—30 acres in cultivation, 8 in clover; 527 young apple trees and other bearing trees. House newly painted; yard with picket fence, garden with wire fence; good water, healthful climate. Price \$50 per acre. M. C. Goldman, Evansville, Ark.

An Ozark Farm Bargain—146 acres with 50 in bottom that does not overflow; grows alfalfa, red clover and tame grasses; also corn, wheat, oats and cotton. The remainder of the tract is upland, 40 acres fenced with woven wire fence, 25 acres in cultivation, 10 acres in Kentucky blue grass and 15 in red clover and orchard grass. Hardwood timber on land not cleared. Splendid 6-room house, large barn and outbuildings. On daily mail route, one mile from postoffice and one-fourth mile to school and church. Will sell at \$55 per acre and make terms on \$2,200 if desired. Can give possession at once. W. W. Baker, Cave Creek, Newton county, Ark.

Timber Tract Near Jasper—160 acres, 6 acres in cultivation, balance in good timber; log house, good barn, beautiful location on Jefferson Highway, one mile from school. Owner is an invalid, reason for selling. R. C. Sloan, Jasper, Ark.

For Exchange—120 acres located in southeast Montgomery county, Arkansas; partly improved. Will exchange for place in northeast part of the state, close to a good high school town. Glendale Powell, Piggott, Ark.

80 Acres in Newton County—25 acres in cultivation, surrounded by free range; 2-room house, barn, outbuildings, good water; fine for fruit and stock raising. Mitchell Hedley, Mt. Judea, Ark.

Tract Near Pine Bluff—15 acres under wire fence; good house, barn, tile well, young orchard; on the pike and mail route; one mile to high school and church; ideal location for poultry farm. I. Boschette, R. F. D. 1, Box 77, Pine Bluff, Ark.

Farms for Sale or Trade—Consisting of 320 acres near Arkansas City, Ark. Sylvester Kaler, Carlisle, Ark.

500 Acres Virgin Timber—Consisting of pine and oak. For quick sale, \$5 per acre. S. D. Cox, Western Grove, Ark.

Stock and Fruit Growing Tract—300 acres located in the northwest corner of Randolph county. Good improvements on this farm. Will sell for half cash, balance on terms. Price on request. Jas. J. Smith, R. F. D. 2, Mammoth Spring, Ark.

Well Improved Farm for \$600—62 acres, 30 in cultivation; all fresh land, perfectly level; good 3-room house, bared well in yard, new barn, splendid outbuildings; 70 bearing fruit trees; three-quarters mile to school, church, postoffice and saw mill. Price \$600. W. L. Owen, Western Grove, Ark.

Three Newton County Farms for Sale—480 acres, three houses and barns; one place has a good spring and the other two cisterns; good timber and free range; school house on corner of one farm; three miles from Jefferson Highway. Will sell crops and stock with farms. Price \$8 per acre. N. C. Gibson, R. F. D. 2, Harrison, Ark.

Polk County Farm for Sale or Exchange—30 acres, all kinds of fruit, good springs, near school and church; one and one-half miles from good railroad town. Price reasonable, easy terms, or will exchange for northern property. M. J. Blakely, Grannis, Ark.

175 Acre Farm for \$800—Good land, 8 acres in cultivation, 20 acres sowed to pasture, 2-room house, two barns and other outbuildings, spring water, orchard, lots of cedar and black locust posts. M. N. Bright, Herge, Ark.

135 Acres Near Grannis—20 acres cleared and fenced, balance in timber; 2-room house, small barn, 150 bearing peach trees, other fruit; well watered, good springs. A bargain at \$3 per acre. O. B. Poindexter, Grannis, Ark.

Sandy Clay Land—40 acres, 16 cleared and fenced; 2-room house, barn and other outbuildings; two wells; 22 acres in pine and oak timber; pike runs through place; some fruit; three miles from town. Price \$1,500. S. C. Currie, R. F. D. 1, Sheridan, Ark.

200 Acres for \$800—30 acres open, 100 can be opened for farming, balance suitable for fruit and range; two sets of houses; mail route, telephone service; 10 miles east of Gillham and K. C. S. Railroad. J. J. Roberson, Gillham, Ark.

Two Faulkner County Farms—One has 58 acres with 40 in cultivation, balance in timber and pasture; running water; 3-room house, barn, two wells, storm cellar, orchard; on rural route and near school. The other farm has 70 acres, 55 in cultivation and 15 in pasture and timber; 3-room house and outbuildings; also 2-room house and outbuildings; two wells, family orchard, strawberries; near school and postoffice. Price \$1,800 for both farms; clear title. T. A. Homewood, Martinville, Ark.

73 Acres in Cleburne County—20 acres in cultivation, balance of land tillable; 3-room house, well and spring; 100 fruit trees; one mile from school. Price \$800; terms if desired. Isaac Read, Brewer, Ark.

Improved Farm for \$2,300—44 acres, 25 in cultivation; good house and barn, store building, two springs, plenty of timber, on highway; 100 yards from store and postoffice. Terms if desired. Harrison Agee, Western Grove, Ark.

Stock Farm—80 acres, 40 under fence and 25 in cultivation; good orchard, apples, peaches, plums and pears; log houses, outbuildings, good water, free range; near store, postoffice and highway. Price \$300. E. E. Skinner, Treat, Pope county, Ark.

Fine Creek Bottom Land—360 acres, about one-half in cultivation, balance in timber and pasture; improvements fairly good; well stocked; located in northwest Arkansas. Want small, well improved farm for fruit or poultry; might consider town property or merchandise. If interested, write J. C. Phillips, Summers, Ark.

40 Acres in Fruit Belt—20 acres in cultivation; 50 bearing peach trees, 7 apple trees; comfortable 3-room house, barn, smoke house, chicken house and goat house; well of fine water; four and one-half miles from Eureka Springs. Price \$1,250; terms. Address Box 22, R. F. D. 1, Eureka Springs, Ark.

Ozark Mountain Farm—280 acres, 75 in cultivation, 105 in virgin timber; 3-room house, good barn, four springs, bordered by fine fishing stream. Price, \$3,000. For further information address W. L. Owen, Western Grove, Ark.

160 Acres of Rich Upland—Land fertile, smooth, no rocks, good fences; a fine stock farm with considerable cross fencing; an unusually healthful and pretty place; church and school near; four and one-half miles from two towns; good macadamized roads. Price \$5,000 if sold at once. Byron C. Marshall, Imboden, Ark.

Polk County Tract—11½ acres, nearly all in cultivation; 5-room house, barn, good peach orchard; on mail route, ½ mile from town. Price \$1,000. C. F. Jones, Grannis, Ark.

60 Acres in Strawberry Section—About 7 acres in pasture, balance in cultivation; 10 acres in strawberries; young orchard including apples, pears, peaches and cherries; well fenced with woven wire; 6-room house, tenant house; near school, right on Missouri Pacific railroad, 2½ miles from Judsonia. For further information write L. D. Eaton, Judsonia, Ark.

Fine Bottom Land—265 acres, 100 in bottom farm, 100 acres in pasture, rest in good timber; 8-room house on concrete foundation; concrete walks and cellar, fine well in yard, two barns, one tenant house; one-quarter mile from highway; near school, church, postoffice, mill and stores; telephone service. Price \$10,000; terms. S. D. Cox, Western Grove, Ark.

White County Bargain—120 acres, 52 in cultivation; 6-room house, barn, and all outbuildings; 2 wells, orchard, 5 acres in strawberries; no rocks, hills or overflow. If interested write Ellis E. Sands, R. F. D. 2, Bebe, Ark.

80 Acres of River Bottom Land—All in cultivation; three houses, large barn and well; near gin, church and school; three miles south of Dardanelle. For full information write T. E. Wilson, Dardanelle, Ark.

Crawford County Fruit Farm—40 acres, 200 peach trees 2 years old, three-fourths acre in strawberries, 1 acre in blackberries, 4 acres in woodland, 6 acres in pasture, balance in cotton, corn, peanuts and peas; good house, two wells everlasting water; near school and church. For price and full information write August Gebert, Alma, Ark.

Newton County Farm—82 acres, 50 in cultivation and 65 fenced with wire; 20 acres in bottom and 20 in meadow; good house, barn, cistern, spring; near store, postoffice and highway; one-fourth mile to school and church. Price \$2,100; terms. Harrison Agee, Western Grove, Ark.

Located in Grand Prairie—300 acres in cultivation, 220 in rice; 80 h. p. oil engine; well good for 200 acres; 6-room house, 15,000-bushel granary; on public road, near school; land lays good, all prairie. A. J. Garriah, R. F. D. 1, Stuttgart, Ark.

Well Improved Farm Near Wilts Springs—82 acres, 45 in cultivation; good buildings and water; for sale at low cash price. T. A. Gibson, Wilts Springs, Ark.

Farm Bargain in Garland County—160 acres upland, 43 acres in cultivation, 107 in timber and 10 in pasture; two 2-room houses, one 4-room bungalow; 1½ acres in orchard; two gardens, two barns, two good springs; on public road, 4 miles west of Cedar Glades. Price \$2,500. J. J. Minton, Avant, Ark.

120 Acres for Sale or Exchange—About 40 acres in cultivation, balance in timber; 3-room house, barn, three springs of good water; land is level and practically free from rocks; would sell or trade for truck farm near Fayetteville. M. M. Doss, Sunset, Washington county, Ark.

80 Acres in Fruit Section—30 acres in bearing apple orchard, 6 acres young orchard, all kinds of berries, including two acres of strawberries; 10 acres in pasture; land practically level and smooth; good, substantial buildings, plenty of water; will include all farm implements and stock if desired; five miles from county seat, good roads, mail route, rural telephone, school and church near; farm is fenced and cross fenced; will pay for itself in a few years. W. L. McCord, R. F. D. 2, Rogers, Ark.

Izard County Bargains—5-acre lot with 3-room house, good barn, large garden, 50 fruit trees. Also 1-acre lot with a store house 24x48 feet, in small town 12 miles east of Calico Rock; in proposed Road Improvement District No. 1. Price \$1,000 for both places or \$500 for either. J. E. Jeffrey, Newberg, Ark.

Fruit and Poultry Farm—40 acres in the hills, 35 acres in cultivation; sandy soil; orchard consists of apples, peaches, plums and berries; corn, cotton, peas, sorghum and potato crop; 5-room house, barn, cistern; three head of cattle, two mules, two hogs, 50 chickens; farm tools; all for \$1,500 if sold soon. Mrs. Elizabeth Fruit, Pocahontas, Ark.

Fine Timber Land—50 acres unimproved land, white oak, red oak, hickory and cedar timber; if improved would grow corn, alfalfa, clover and timothy; also in fruit region; one mile from pike. Will sell for \$700 or trade for car or truck. Thurlo Reece, Big Flat, Ark.

10 Acres Unimproved—White oak, black oak and cedar timber; good mineral prospects; will trade for used Ford or truck. S. M. Reece, Big Flat, Ark.

40 Acres in Newton County—Practically all under rail fence; 20 acres in cultivation, 15 in pasture; log house, smoke house, spring water; 12 miles south of Jasper, 6 miles from Jefferson Highway, 1½ miles from school. Price \$500. Mrs. Mary E. Rich, Patrick, Ark.

Homeseekers Who Want to Buy Arkansas Farms.

Carl Sheldon Handwork, Homerville, Ohio, writes for descriptive matter about the state.

W. J. Morris, Ledford, Ill., wants to go into the goat business.

S. V. Brents, Snow, Clinton county, Ky., is looking for farm land investments.

J. P. Grove, 720 Sunset St., Dallas, Tex., wants to locate in some healthful place in the Ozarks where the water is good and there is blue grass.

W. L. Stokes, Biscoe, Ark., wants from 10 to 40 acres close to railroad—land with a good loam suitable for truck.

B. D. Darby, R. F. D. 2, Rogers, Ark., wants to buy an improved farm of from 40 to 60 acres in northwest Arkansas, with some apple orchard, modern house and close to a good town.

C. Goble, 437 N. West St., Lima, Ohio, asks about land and crops in Arkansas.

Elmer Gerberg, 332 Illinois St., Pekin, Ill., is thinking very strongly of coming to Arkansas and would like to learn all he can about the state.

E. A. Barnett, Box 833, Port Arthur, Tex., has several friends who are thinking about moving to Arkansas.

D. J. Smith, Weleh, Okla., asks about lands in the northwest part of the state.

A. A. Page, R. F. D. 1, East Alton, Ill., makes inquiry about homestead lands.

W. R. Hughes, Avondale, Colo., is trying to get some of his neighbors to come with him to Arkansas and he has been furnished with literature descriptive of the state.

E. A. Fleming, R. F. D. 2, Cedar Falls, Ia., wants to move to some part of Arkansas. Those having land to sell should write him.

Guy DeMoss, care Standard Boyle, Buxton, Ore., is thinking of moving to Arkansas, and wants prices on land in different parts of the state.

Arthur Ferguson, R. F. D. 1, Hermin, Ill., is coming down to Arkansas some time this month and wants to find some land suitable for truck growing.

W. F. Little, Nick Springs, Ark.,

Three White County Farms—80 acres on Fourteen Mile Creek; house, barn, some orchard; well watered; 25 acres cleared, 10 acres bottom. Price \$1,000. Two hundred acres, 6-room house, fine young orchard; 49 acres cleared, three springs, one well; good location for stock farm; near school. Price \$1,750. Forty acres on Big Creek, 7 acres of bottom land cleared, more to clear. Price \$750. L. W. Corbett, Davenport, Ark.

Stone County Tract—10 acres, house, barn; one mile from railroad station; suitable for raising chickens. Price \$150. Earl Gilbert, Arlberg, Ark.

160-Acre Stock Farm—20 registered Short-horn cattle, 60 sheep, Shropshire cross; running water year round for stock; 1½ miles from Fordyce; will sell any or all above mentioned. For prices and terms write E. D. Harris, Fordyce, Ark.

Poultry and Truck Farm—160 acres, 75 in cultivation, 50 in pasture, 40 in pine timber; soil is dark gray sand with red waxy subsoil; corn and cotton principal crops; ideal location for poultry or truck farm; three small settlements on place, all on public roads and mail routes; splendid water; all fenced with woven wire fence, cross fenced; churches and school near; will sell all or part of farm. Price \$4,800. J. R. Hearnberger, R. F. D. 1, Box 54, Thornton, Ark.

154 Acres—Fine hill top country, sandy soil with clay foundation; good outlet, excellent water. For terms and further information write J. K. Short, Lucky, Ark.

Lincoln County Fruit Farm—95 acres; 6-room house, good log barn and other outbuildings; tile well, spring; 50 bearing apple trees, one acre young peach orchard, other fruit; pasture and meadow; part creek and part ridge land. One mile from Palmyra and seven miles from Star City. Terms reasonable. J. G. Adams, Palmyra, Ark.

320-Acre Tract—100 acres in cultivation, fenced and cross fenced; practically level; 5-room house, large barn, well, cistern, two ponds, 2-room tenant house, small barn, small orchard, free range, hickory and oak timber; near school, church and postoffice; 12 miles from railroad. Price \$12.50 per acre. J. M. Evans, Kittle, Fulton county, Ark.

220-Acre Stock Farm—120 acres cleared, 12 acres strawberries, 30 acres red top and lespedeza meadow, 1½ acres in orchard, 70 acres in creek bottom, all under woven wire fence; sandy loam soil with clay foundation; 6-room house, large barn; near school and church; 2½ miles from Higginson. Price \$25 per acre. A. T. Slayton, Higginson, Ark.

wants to buy a medium size farm in Woodruff, Cross or White county.

D. L. Burke, 507 Tenth St., Columbus, Ga., is in the market for Arkansas land suitable for the growing of fruit, truck and small grains.

F. P. Hutchinson, 409 Oil Exchange Bldg., Oklahoma City, is thinking of locating in Arkansas and writes for descriptive literature.

K. M. Jennings, Fort Laramie, Wyo., is a school teacher and would like to move to Arkansas.

O. W. Walker, Hillsdale, Kan., asks about homestead lands.

J. B. Townsend, care Carter T., Burbank, Okla., is an ex-service man who makes inquiry about homestead lands in the western part of the state.

Fred West, Sauk Rapids, Minn., says he is getting tired of living so near the north pole and wants to come to Arkansas. He was sent a full line of warm weather literature.

William A. Jinnette, Box 345, Wake Forest, N. C., has requested general agricultural literature.

H. H. Hurst, Mt. Morris, Ill., asks for information that would interest a homeseeker.

Martin L. Huegel, Box 124, Smithfield, Ohio, is looking for a location in northern Arkansas.

Reports from the White county, Arkansas, strawberry district indicate that the cost of production was considerably lower this year than last. Local authorities computed the cost of a crate of berries delivered at the loading shed to be about \$1.40 this year, compared with \$2.00 last year. Crates cost 31c and hauling to and from the farm about 10c. Picking cost 2½c a quart, or 60c a crate. Hoe hands were paid \$1.50 a day, and row bosses and shed packers hired by the day were paid \$3.00. All kinds of help were used for picking, much of it being done by children. Fertilizers used are Strawberry Special and raw or steamed bone meal, all three costing about \$34 per ton. From 300 to 500 pounds were used for each acre of berries. Plants cost \$1.25-\$2.00 per thousand.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Pure bred Jersey bull, 2 years old, unregistered, \$25. J. F. Dodd, R. F. D. No. 2, Box 65, Alpena Pass, Ark.

W. J. Scarrow, Berryville, Ark., has 11 good grade Jersey cows for sale.

G. C. Foddrell, Berryville, Ark., has 10 grade heifer calves ranging in age from 2 months to 1 year, for sale.

H. A. Schoepel, Berryville, Ark., has a 5-months-old pure bred Jersey bull, sired by one of the excellent bulls of the Carroll County Bull Association and from a cow with a high production record, for sale.

Albert Rogers, Paris, Ark., has a 3-year-old Shorthorn bull for sale.

Hogs for Sale

Three big Duroc Jersey boar pigs that were first and second in their class at the Washington County Fair, \$35 and \$25. Animal Husbandry Department, State College of Agriculture, Fayetteville, Ark.

J. W. Hull, Lonoke, Ark., has a registered Poland China boar, 10 months old, for sale. This is a well bred boar and an excellent individual.

J. W. Hull, Lonoke, Ark., has a number of pure bred Poland China pigs of both sexes for sale. These pigs are from excellent sows which have been cared for by boys under the direction of Mr. Hull.

W. C. Misner, Paris, Ark., has for sale one Poland China boar weighing about 175 pounds, and two Poland China boar pigs.

T. B. McNeal, R. 1, Paris, Ark., has two Poland China pigs for sale.

Henry Stroupe, Paris, Ark., has a mature Poland China boar for sale.

W. E. McMahon, Instructor in Vocational Agriculture, Eudora, Ark., wants a number of big boned Poland China pigs for boys who have a live stock project in connection with their school work.

About 2,000 head of feeder hogs will be available for purchase in Randolph county during the feeder hog season beginning now. Information can be obtained from F. J. Blatz, J. F. Thompson or John R. Kizer, Pocahontas, Ark.

A public sale of registered Poland China swine will be held at Paris early in December by the Logan County Poland China Breeders' Association. This sale offers an opportunity for county agents to purchase pigs for placing with club boys. Full information about this sale can be obtained by writing T. B. Harvis, Secretary, or S. W. Houston, County Agent, Paris, Ark.

Fine bunch of Duroc Jersey pigs, raised by Smith-Hughes boys. I will see that buyer gets the kind of pig he wants. H. H. Holtzclaw, Smith-Hughes instructor, Murfreesboro, Ark.

O. I. C. pigs with pedigree papers, and crated, \$8 each. T. E. Spillman, Alice, La.

Jacks for Sale

Two young black jacks for sale or trade. W. T. Jones, R. F. D. 3, Rector, Ark.

Goats for Sale

One Angora buck and four buck kids from a ewe that sheared a 14-pound fleece; kids are good, growthy individuals and should make excellent sires for either pure bred or grade flocks; price \$7.50 to \$10, f. o. b. Fayetteville. Animal Husbandry Department, College of Agriculture, Fayetteville, Ark.

Albert Rogers, Paris, Ark., has 20 head of common goats for sale.

Extra large Saanen billy, young and vigorous. O. T. Green, Combs, Ark.

Sheep for Sale

Four grade sheep. W. T. Jones, R. F. D. 3, Rector, Ark.

Poultry for Sale

Fine large Bronze turkey hens, that will be 2 years old next spring, \$6 each; three to one party or address, \$16. Young toms, \$7 each; young hens, \$5 each; a few yearling toms, \$9 each; special trios, \$16. Mrs. E. A. Stanfield, R. F. D. 2, Rudy, Ark.

Single Comb White Leghorns, prize winners: hens, \$1.25; pullets, \$1 each; roosters and cockerels, \$1.50. Write for price on lots. Mrs. E. A. Stanfield, R. F. D. 2, Rudy, Ark.

Little Bone Bronze turkey toms, 1922 hatch, \$8 to \$10; pullets, \$5.50 to \$7.50, extra good; sold in pairs or toms alone. Orders only answered. S. Martin, Franklin, Ark.

Mammoth Bronze Turkeys; toms, 1921 hatch, \$18 to \$20 each, weight 25 to 30 lbs.; hens, \$13 to \$15, weight 18 to 20 lbs., extra good layers; 1922 toms, \$12.50 and \$15; pullets, \$7.50 to \$10 up to December 1. S. Martin, Franklin, Ark.

Two Buff Orpington pullets and one cockerel, spring hatched, pure bred, all three for \$3.50. One White Leghorn rooster, 1 year old, full blood, \$1.50. Julia Mitchell, R. F. D. 2, Box 108, Scranton, Ark.

A few Barred Rock hens and S. C. White English Leghorn cockerels for White S. C. English Leghorn hens or pullets, or Mammoth Bronze turkey hens. Mrs. D. C. Davis, Pangburn, Ark.

Single Comb Brown Leghorns and Silver Spangled Hamburg cockerels. Price for a good one \$1.50, extra fine. Prize winner for \$2.50. These are all good stock birds. W. F. Sudmeyer, R. F. D. 1, London, Ark.

Brown Leghorn cockerels, \$2 each, or will exchange for Brown Leghorn or R. I. Red pullets. Mrs. O. T. Beck, Box 128, Washington, Ark.

Beautiful Blue Andalusians, prolific layers of large white eggs, \$6 per trio; \$9 per pen. Mrs. Rose Browning, Judsonia, Ark.

Pure White Indian Runner ducks and drakes, choice breeding stock, \$1.50 each; also eggs in season. P. R. McBride, Lebanon, Mo.

Partridge Wyandotte hens and pullets to trade for pure bred White Leghorn hens and pullets. Ed J. Cordon, R. F. D. 1, Box 42, Mablevale, Ark.

Fine large cockerels from my certified flock of Barred Rock hens. Also a few good laying hens. Olive Logsdon, Brookfield, Mo.

Single Comb White Leghorns, male birds, \$5 each; baby chicks in season, \$15 per 100. Snowflake Leghorn Farm, R. F. D. 3, Neosho, Mo.

Single Comb White Leghorn pullets for a 400-egg size Cypress or Prairie State incubator; must be in A-1 condition; any standard make would be considered. Snowflake Leghorn Farm, R. F. D. 3, Neosho, Mo.

Bronze turkeys. W. T. Jones, R. F. D. 3, Rector, Ark.

Poultry Wanted

Game chickens. Mrs. E. A. Stanfield, R. F. D. 2, Rudy, Ark.

Two February hatched Silver Laced Wyandotte cockerels. T. E. Spillman, Alice, La.

Two or three young S. C. Rhode Island Red cockerels and a dozen young hens, January or February hatch, from different pens. A. J. Perry, R. F. D. 2, Box 47, Camden, Ark.

Seed for Sale

Red Rustproof Oats, registered, Ferguson 71 variety. N. P. O'Neal, Hope, Ark.

Appler variety, registered Red Rustproof oats. Robert Dortch, Scott, Ark.

Fulghum variety Red Rustproof oats. Howard N. Thomas, Alexander, Ark.

Winter Rye, Abruzzi, registered. N. P. O'Neal, Hope, Ark.

Abruzzi winter rye, registered. Howard N. Thomas, Alexander, Ark.

One hundred pounds Mung Bean Seed, in any quantity, prepaid at 59c per pound. We paid H. G. Hastings Co. \$1 per pound for seed last spring. Cedar Crest Farm, R. 6, Box 108, Pine Bluff, Ark.

For Sale—Miscellaneous

Strained honey—I have more than the local market can take and will sell it at right price. John Van Marion, Perry, Ark.

Feed grinder, Litz No. 77; practically new, at a bargain for cash, or will exchange for pure bred poultry. Cedar Crest Farm, R. 6, Box 108, Pine Bluff, Ark.

Black and tan tree hounds, coon and squirrel dogs. Murrell, Johnson, Sonora, Ark.

Oak, hickory and locust timber, and horses and cattle to trade for farm land or farm labor. T. F. C. Lamb, Hill Top, Ark.

Potato digger, Planet Jr. make; used only one season; in perfect condition; for sale, \$25. Jno. P. Allmand, 1107 Boyle Bldg., Little Rock, Ark.

Wanted Miscellaneous

Housekeeper, by a respectable old gentleman; good home for right party. Isaac Read, Brewer, Ark.

Ten or 15 cars of No. 1 prairie hay. Thos. D. Hill, R. 2, Box 48-A, Pine Bluff, Ark.

Partner with \$1,000 to take an active interest in building up a modern poultry (White Leghorn) plant. Have an ideal location, am thoroughly experienced in breeding and raising poultry and other stock. If interested, write Box 245, Mountain Home, Ark.

Several cars of corn in ear or shelled. Felix Morel, New Roads, La.

Old crop pecans for cash and immediate shipment. Send sample and state quality. Barry Nut Co., 318 Metropolitan Theatre Bldg., Atlanta, Ga.

Thirty cars good snapped corn, sound and dry. State price, grade and when ready to ship. Thos. D. Hill, R. 2, Box 48-A, Pine Bluff, Ark.

October Prices of Products Sold by Arkansas Farmers

Hogs, live weight, 100 lbs.....	\$7.20
Beef cattle, live weight, 100 lbs..	3.20
Veal calves, live weight, 100 lbs..	5.30
Sheep, live weight, 100 lbs.....	4.10
Lambs, live weight, 100 lbs.....	6.70
Milch cows, per head.....	29.00
Horses, per head.....	62.00
Milk, whole, wholesale, gallon.....	.38
Milk, whole, retail, gallon.....	.41
Wool, unwashed, lb.....	.24
Wool, washed, per lb.....	.30
Apples, bu. of 48 lbs.....	.70
Apples, per barrel.....	2.50
Peaches, bu. of 48 lbs.....	1.50
Pears, bu. of 48 lbs.....	1.40
Grapes, per lb.....	.09
Walnuts, black, bu. of 50 lbs.....	.90
Hickory nuts, bu. of 50 lbs.....	1.19
Peanuts, per lb.....	.05
Pecans, per lb.....	.16
Beans, dry, bu. of 60 lbs.....	4.25
Beans, soy, per bu.....	2.50
Sweet potatoes, bu. of 55 lbs.....	1.00
Tomatoes, bu. of 56 lbs.....	1.45
Cabbages, per 100 lbs.....	3.40
Onions, bu. of 57 lbs.....	1.85
Timothy hay, loose, ton of 2,000 lbs.	18.00
Clover hay, loose, ton of 2,000 lbs.	18.00
Alfalfa hay, loose, ton of 2,000 lbs.	18.85
Prairie hay, loose, ton of 2,000 lbs.	8.50
Cotton seed, ton of 2,000 lbs.....	30.00
Eggs, per dozen.....	.27
Chickens, live weight, per lb.....	.15
Turkeys, live weight, per lb.....	.23
Cowpeas, per bushel.....	1.80
Cream, per lb. of butter fat.....	.33

The following are prices of products bought by Arkansas farmers:

Clover seed, red, bu. of 50 lbs.....	\$15.00
Timothy seed, bu. of 45 lbs.....	4.00
Alfalfa seed, bu. of 60 lbs.....	11.15
Bran, per ton.....	27.70
Cottonseed meal, per ton.....	42.90
Cottonseed hulls, per ton.....	11.50

Mineral Exhibit at State Capitol Enlarged and Cataloged

With the assistance of Dr. N. F. Drake, former state geologist and now engaged in special work for the Department of Mines, Manufactures and Agriculture, the mineral exhibit at the State Capitol has been enlarged worked over and cataloged, each specimen being labeled and assigned to its particular group.

In one section there is a display of all the clays—pottery clay, fire clay, brick clay, etc. In another are the various fuels, petroleum, with its by-products, gasoline and kerosene; semi-anthracite coal, bituminous coal and lignite. There is a collection of fertilizer materials, limestone, phosphate rock, marl and greensand. The collection of iron and manganese ores is one of the largest in the exhibit. Lead and zinc are represented by some especially fine specimens. The collection of building stone, including marble, granite and sandstone, is interesting, as is also the arrangement of road-building materials, which includes chert, quartzite, novaculite, granite and sand stone. There are specimens of slate, soapstone, tripoli, fuller's earth and various minor minerals.

One entire section is devoted to the display of bauxite and aluminum products made from bauxite. There is a complete collection of rare and curious minerals, the most of them from Magnet Cove. Pearl shells have a section and there is a case of Peridotite, the Pike county rock from which diamonds have been obtained.

In the state's collection of minerals there are more than 1,000 specimens representing every product of the state. In addition there is the private Gulley collection, loaned to the state, which contains many interesting specimens from all parts of the world, these being useful for comparison with local specimens.

Dr. Drake has spent some time in the arrangement of the exhibit, and the grouping and cataloging of the specimens makes the display much more useful and attractive, especially to the student of mineralogy.

All Sweet Potatoes Classified Under Forty Variety Names

The Agricultural Department has completed a group classification of the American varieties of potatoes which will be of interest to Arkansas growers. While there are several hundred names given to varieties of sweet potatoes grown in the United States there really are not over forty true varieties. Not more than ten of these varieties are of commercial importance and four of them constitute the commercial crop. The Southern Queen variety is known under at least twenty different names.

The classified list includes the following varieties: Belmont, Big-stem Jersey, Bunch Candy "yam," Creola, Dahomey, Dooley, Eclipse Sugar "yam," Florida, General Grant Vineless, Gold Skin, Gros Grandia, Japan Brown, Key West "yam," Koali, Minnet "yam," Nancy Hall, Norton, Old-Time "yam," Philipili, Pierson, Porto Rico, Pumpkin "yam," Purple "yam" or Nigger Choker, Red Bermuda, Red Brazil, Red Jersey, Red Spanish, Shanghai, Southern Queen, Ticotea, Triumph, Vineland Bush, Vineless Pumpkin "yam," White Gilke, White Sealy, White "yam," Yellow Jersey, Yellow Spanish, Yellow Strasburg, Yellow "yam."

The present shortage of railroad cars, due to the heavy movement of crops, and the strike situation, is seriously inconveniencing the Arkansas farmer, who is finding it difficult to get cars for the movement of hay and other products.

The open season for the trapping of fur-bearing animals in Arkansas is from October 1 to February 28.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 4 No. 12

LITTLE ROCK, ARKANSAS

December, 1922

State Plant Board Warns Arkansas Farmers Against Danger of Importing Seeds and Plants This Year

Arkansas' Protection against the introduction of injurious insect pests and plant diseases must always be her home grown seed. As long as farmers insist in sending out of the state for seed which they can purchase in their own state just so long will they continue to bring in injurious insect pests and plant diseases.

The pink bollworm has spread to practically every cotton growing region of the world through the movement of cotton seed. Notwithstanding the fact that this pest has completely wiped out the cotton industry in some countries Arkansas farmers continue to buy seed from areas in Texas where the insect has become established. They also buy seed from the eastern states where wilt is bad and in so doing are introducing a disease which will permanently infect their soil with a cotton disease.

On nursery stock we have introduced the San Jose scale which has already killed thousands of fruit trees in this state and which we will now have to fight for all time.

In the New England states two introduced pests threaten the forests and in the great Northwest the pine forests are threatened because of the introduction of a destructive pine disease. The chestnut forests of the East have already been completely wiped out by the introduction of chestnut diseases. The European corn borer



Cotton From Good Seed Ready for Spraying

has now become established in the middle west and in the New England states, and in Pennsylvania and New Jersey the Japanese beetle has become permanently established and is causing great losses by its ravages on shade trees and all kinds of truck and fruit crops. To the south of us the sweet potato weevil threatens to make its way across the border. Many insect pests and plant diseases have been introduced and have become permanently established in this country and many more may eventually be introduced.

Against this ever increasing army of foreign invaders Arkansas will find

her greatest security in using home grown seeds and plants. Neither the sweet potato weevil nor the disease known as foot rot will become established in Arkansas as long as our farmers buy home grown seed potatoes and slips, but in spite of the fact that Arkansas certified seed and slips are the best in the country Arkansas farmers are buying millions of potato plants every year from Eastern states with the risk of introducing new diseases. The largest retail nursery in the world grows millions of its trees in Arkansas but our farmers buy their nursery stock from out-of-state nurserymen. We will not introduce the pink boll-

worm if we buy home grown cotton seed. At this point it should be stated that perhaps 90 per cent or more of the cotton seed which was brought into the state last season as pedigreed or pure was no better than ordinary gin run seed. There is some excuse for bringing in improved varieties of seed but most of our farmers have the idea that any seed or plants which they buy from other states is better than that which is grown at home.

Before sending out of the state for seed or plants farmers should write either to the State Plant Board, the University of Arkansas or to the Bureau of Mines, Manufactures and Agriculture to see if they can get what they want in the state. One big advantage in buying home grown seeds and plants is that we can find out better what we are buying before we buy it. Arkansas has a seed improvement Association under the auspices of which improved varieties of seed are certified. By writing to L. W. Osborn, Fayetteville, secretary of the association, the farmer can find out where to get dependable seed.

The State Plant Board at Little Rock maintains a certification system under which nursery stock, sweet potatoes and other plants and plant products are inspected and by writing to the Board any farmer can find out where to get Arkansas grown plants.

Pruning of Early Squares and Calcium Arsenate Treatment Best Boll Weevil Cure Yet Found, Florida Experts Say

By Geo. D. Smith

Florida Agricultural Experiment Station

After several years of investigation it occurred to us that the first weevil generation of the season might be largely disposed of by removing or "stripping" from the cotton plants the first squares of the season, and with them the eggs deposited by the overwintered weevils.

These experiments were encouraged in that the extra amount of cotton produced on the stripped plots indicated that one stripping, altho it did not clear the field of weevils, was slightly beneficial and that two stripplings about ten days apart, would insure a marked increase in the quantity of cotton produced. On the other hand, two stripplings might delay the fruiting of the plants to a dangerous degree. However, the condition in which the cotton plant is left after removal of the squares is the very condition under which poison can be applied with most telling effect. Deprived of squares in which to hide and on which to feed, the weevil must necessarily turn to the terminal or growing bud of the plant for food. It is very easy to literally fill this terminal bud with a suitable poison by means of a good dust gun.

At this time, also, the overwintered weevils have only a few more days to live and their instinct to survive urges them to feed liberally. The ap-

There is in sight, it is claimed, only enough calcium arsenate to treat three per cent of the cotton acreage in the boll-weevil infested area next year.

Under these circumstances the conference of experts on boll-weevil control, held at Memphis on November 14th, recommended that no land be planted to cotton next year that would not, by its natural fertility or by the use of fertilizer, yield one-half a bale of cotton per acre.

plication of poison to the terminal buds at this stage has been followed, in all our experiments, by the destruction of practically every weevil that escaped capture in the stripping operation.

If the stripping is done about June 5 to 8, the number of weevils still remaining in winter quarters and which can still come to the cotton fields is of practically no consequence. These few stragglers cannot increase sufficiently to seriously affect the number of bolls set on the plants in the two months following.

At first thought it may appear that a considerable amount of cotton would be destroyed or lost by removal of the first few squares, say, an average of about two large squares to the plant throughout the field. It has been demonstrated that the cotton plant normally sheds about 60 percent of its fruit dur-

ing the growing season. Therefore, should not affect the yield.

It is true that heretofore the planter has attached great importance to these first squares, considering them the substance of his early bottom crop, and has pinned his crop prospects to the production of as many early bolls as possible, knowing that the weevil would not permit the maturing of later ones.

However, removal of the early squares in our experiment was followed by a remarkable reaction on the part of the plant itself. In all cases, removal of the squares was followed by a rapid increase in the height of the plants and this was closely followed by a profuse development of new squares. So pronounced has been this acceleration, or stimulation, of fruiting that it seems highly probable

that, even with no weevils present, removal of all squares early in June would actually result in increasing the yield of cotton!

There are only two poisons suitable for this work. One is powdered arsenate of lead, the other calcium arsenate. They are about equal in efficiency, so far as killing the weevil is concerned. However, calcium arsenate, as manufactured at present, seems to be in better physical condition for dusting than most of the lead arsenate on the market, and it has the additional advantage of being slightly lower in price, pound for pound. Due to abnormal trade conditions calcium arsenate has, during the season of 1922, been available to the farmers at prices varying from eight to thirteen cents a pound. It is likely, however, that prices during the coming season will be somewhat higher.

Such poisons as paris green and london purple cannot be used. They contain a relatively high content of water-soluble arsenic and will severely injure the cotton plant. Various proprietary mixtures advised as "boll weevil poisons" are worthless.

It must be remembered that both calcium arsenate and lead arsenate are powerful poisons and must be handled with care. One should use the same precautions as in using paris green. Care should be taken that children do not have access to the poison.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Editor
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

"Farmer's week" will be held at the college of agriculture of the University of Arkansas December 12-15.

Twelve cows owned by the University of Arkansas furnish all the milk to the dormitories of the institution, at the rate of 35 cents a gallon. At this rate they bring in \$350 a month.

Sim Hesser, a 13-year-old Hot Spring county boy, raised 1,250 pounds of seed cotton on one acre on sandy hill land, as against a yield of 250 pounds on the average farm in that section. He did not use poison, but relied on late and intensive cultivation to combat the boll weevil.

In corn production Arkansas has a five-year average of 20.1 bushels per acre. This is higher than the yield of South Carolina, Georgia, Florida, Kansas, Alabama, Mississippi, Louisiana, Oklahoma, Montana or Colorado.

Old Apple Orchards Brought Back by Special Treatment

Measured by the abundance and regularity of the crops of high-grade fruit produced, there are many apple orchards of bearing age that are not successful. Because a large number of these unprofitable orchards can be made to yield good crops of high-quality fruit by special treatment, the United States Department of Agriculture has prepared Farmers' Bulletin 1284, Apple-Orchard Renovation, by H. P. Gould, which discusses the principal practices found useful in bringing neglected trees back into profit-producing condition.

Orchards in need of renovation are found not only in sections where the home orchard or fruit garden is the prevailing type of fruit growing, and in regions where orchards of considerable size occur only occasionally, but also in the recognized commercial apple growing districts. Some orchards are not worth the time and expense necessary to renovate them. In deciding what is to be done the following factors need to be considered: The orchard must be on a good site with no rock ledges or hardpan near the surface; well drained and without unusual danger from frosts; the trees must have good vitality, without decayed trunks, cankers that girdle the limbs, or weakness that would make good growth impossible; and, finally, the varieties must be good unless it is practicable to top-graft the trees, which can be successfully done.

A neglected orchard is always a menace to other orchards in the neighborhood, and in sections where there are many commercial plantings much damage may be done by insect pests and diseases that have their source in badly infested trees.

Inside of Feed Business Explained by Government Bulletin

G. C. Wheeler, investigator in marketing feed, United States Department of Agriculture, has made a careful study of the marketing of mill feeds and his findings are contained in United States Department of Agriculture Bulletin 1124, entitled "The Marketing of Mill Feeds." The bulletin tells how feeds are sold by mills, handled by co-operative societies, how to study market conditions, what to ascertain about prices quoted, and present needs of the trade. Trade rules, grades and feed stuffs laws are also discussed. Copies of the bulletin can be obtained free upon request to the United States Department of Agriculture, Washington, D. C.

Although feed stuffs constitute the second largest item of expense to American farmers, wheat feeds alone in 1920 representing a value of approximately \$200,000,000, little is known by the average buyer about the marketing of this commodity.

The availability of feed stuffs locally produced which may be used as substitutes, and potential supplies and production in surplus producing sections are said to be the most important factors controlling local feed prices. Wide variations in prices in heavy consuming and producing centers, and in sections where only moderate supplies are handled are attributed to the prices paid by individual dealers, unsold feed in transit which is frequently disposed of at a sacrifice on arrival, grade, quality, whether the feed is bought for cash or credit, and whether the purchase is for immediate or future delivery. Mr. Wheeler advises buyers to ascertain carefully all these facts in connection with prices quoted before placing orders.

Laying Hens Don't Like Confinement

Good results in egg production can not be obtained when the flock is confined during the entire year, according to tests that have been made by the United States Department of Agriculture. The Department has kept a pen of 50 Rhode Island pullets and one of 50 White Leghorn pullets confined in poultry houses throughout the year, giving them a good variety of feed, including sprouted oats and alfalfa meal, the latter being used in the mash. These trials have extended

over three years, and the result has always been the same—lower egg production and excessive mortality.

The Leghorns stood the confinement much better than the Rhode Island Reds, but even in this case the production was too low to be profitable. In the different years the pens averaged from 98 to 108 eggs per hen, while the other hens on the farms, given good yards or free range, produced from 125 to 160 eggs.

The hens that were confined to the house produced well during the winter months, but in the spring the yield was only fair, and during the summer production almost ceased. Many poultrymen keep hens for egg production confined during the winter months, and this practice is satisfactory if the hens are not used for breeding. Hens kept as breeding stock should be given as much freedom as possible and it is the policy of the Department to let their hens out every day, regardless of the weather.

Cotton Ginned in Arkansas Prior to November 1

Nearly 200,000 more bales of cotton were ginned in Arkansas up to November 1, 1922, than were ginned on the same date one year ago. The record by counties follows:

County	1922	1921
Arkansas	2,902	1,783
Ashly	12,077	9,064
Bradley	5,146	3,642
Calhoun	3,429	2,344
Chicot	8,037	7,621
Clark	6,572	4,559
Clay	21,747	12,604
Cleburne	3,885	2,588
Cleveland	6,215	4,678
Columbia	15,947	10,949
Conway	16,754	10,589
Craighead	28,908	16,324
Crawford	15,284	10,680
Crittenden	29,957	27,600
Cross	11,036	9,689
Dallas	3,085	2,069
Desha	11,293	10,097
Drew	8,345	6,904
Faulkner	14,256	10,222
Franklin	12,171	9,031
Grant	3,419	2,031
Greene	14,965	9,133
Hempstead	10,269	5,456
Howard	8,093	4,696
Independence	11,467	8,786
Izard	6,470	3,647
Jefferson	31,228	26,798
Johnson	11,839	8,761
Lafayette	8,081	5,806
Lawrence	20,660	16,471
Lee	17,213	18,672
Lincoln	11,603	11,080
Little River	10,671	5,431
Logan	15,737	12,871
Lonoke	30,466	20,682
Miller	6,736	4,917
Mississippi	62,162	57,382
Monroe	16,650	14,088
Nevada	7,484	3,862
Ouachita	5,208	3,700
Perry	3,986	2,824
Phillips	25,490	22,511
Poinsett	16,550	14,788
Polk	4,095	1,829
Pope	19,439	14,709
Prairie	7,027	5,463
Pulaski	14,240	10,715
Randolph	14,817	9,685
St. Francis	21,212	20,473
Scott	7,820	5,082
Sebastian	13,867	8,107
Sevier	2,671	1,159
Sharp	5,816	2,966
Union	7,070	4,476
Van Buren	4,803	2,523
White	16,194	13,516
Woodruff	21,385	17,754
Yell	21,117	13,529
All other	48,275	36,045

The State 823,341 625,461

Benton County Fruit Farm—Land gently rolling; 40 acres in cultivation, 15 acres in timothy and clover and six and one-half in strawberries; two sets of improvements, new buildings, good water, 100 apple trees; fenced and cross fenced; some timber; good road, rural route, five towns from four and one-half to six miles; will sell or trade. Price \$4,000. C. F. Nowlin, Route 3, Gravette, Ark.

Prices of Products Sold by Farmers in November

Hogs (live wt.), 100 lbs.....	\$ 6.90
Beef cattle (live wt.), 100 lbs....	3.00
Veal calves (live wt.), 100 lbs..	4.70
Sheep (live wt.), 100 lbs.....	3.25
Lambs (live wt.), 100 lbs.....	4.65
Milk cows, head	30.00
Horses, head.....	58.00
Milk (whole), wholesale, gal....	.39
Milk (whole), retail, gal.....	.43
Wool (unwashed), lb.....	.25
Wool (washed), lb.....	.33
Apples, bu. 48 lbs.....	1.25
Apples, barrel.....	3.75
Pears, bu. 48 lbs.....	1.60
Walnuts (black), bu. 50 lbs.....	.90
Hickory nuts, bu. 50 lbs.....	1.10
Peanuts, lb.....	.06
Pecans, lb.....	.19
Beans (dry), bu. 60 lbs.....	3.85
Sweet potatoes, bu. 55 lbs.....	.91
Turnips, bu. 55 lbs.....	.90
Cabbages, 100 lbs.....	3.35
Onions, bu. 57 lbs.....	1.70
Timothy hay (loose), ton 2,000 lbs	17.45
Clover hay (loose), ton 2,000 lbs	17.20
Alfalfa hay (loose), ton 2,000 lbs	19.50
Prairie hay (loose), ton 2,000 lbs	10.50
Clover seed (red), bu. 60 lbs.....	15.00
Timothy seed, bu. 45 lbs.....	4.25
Alfalfa seed, bu. 60 lbs.....	13.80
Pop corn, 100 lbs. in ear.....	3.00
Cotton seed, ton 2,000 lbs.....	37.90
Eggs, doz.....	.33
Chickens (live wt.), lb.....	.14½
Turkeys (live wt.), lb.....	.25
Cowpeas, bu.....	1.75
Cream, prices per lb. butter fat .....	.39
Following are prices of products bought by the farmer:	
Bran, ton.....	\$32.00
Cottonseed meal, ton.....	48.00
Cottonseed hulls, ton.....	15.30

TRAPPING ON BIG LAKE RESERVATION RESTRICTED BY FEDERAL ORDER

Until further order, the trapping of fur-bearing animals will be allowed on Big Lake Reservation, in the State of Arkansas, only under permit issued by the Chief of the Bureau of Biological Survey. Trappers shall not visit their traps before sunrise or after sunset. Permits shall be revocable at the discretion of the Chief of the Bureau of Biological Survey and shall be subject to all Federal laws, rules, and regulations governing Big Lake Reservation and to all State laws relating to the trapping of fur-bearing animals.

STATEMENT OF OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912

Of Arkansas Farm and Marketing Bulletin published monthly at Little Rock, Arkansas, for October, 1922.
STATE OF ARKANSAS,
County of Pulaski

ss. Before me, a Notary Public in and for the State and County aforesaid, personally appeared Jim G. Ferguson, who, having been duly sworn according to law, deposes and says that he is the editor and publisher of the Arkansas Farm and Marketing Bulletin, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in Section 443, Postal Laws and Regulations, printed on the reverse side of this form, to-wit:

1. That the names and addresses of the publisher, editor, managing editor, business managers, are:
Publisher—Jim G. Ferguson, Little Rock, Arkansas.

Editor—John C. Small, Little Rock, Arkansas.

Managing Editor—None.

Business Managers—None.
2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders, owning or holding 1 per cent or more of the total amount of stock.)

Published by the State Bureau of Mines, Manufactures and Agriculture for the State of Arkansas.

3. That the known bondholders, mortgages and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages or other securities are: (If there are none, so state)—None.

JIM G. FERGUSON,
Signature of Publisher.

Sworn to and subscribed before me this 21st day of September, 1922.

T. F. DIGBY,
Notary Public.
My commission expires May 7, 1924.

FARMS FOR SALE

Farm for City Property—297 acre stock farm healthful location in free range; 50 acres in cultivation; house, barn, springs, family orchard; 7 miles to railroad town; 1 mile to store and blacksmith shop and mail route. For sale or exchange for small acreage near high school. B. L. Hillock, Prim, Ark.

Forty Acres Fruit and Pasture—40 acres; well terraced and drained with good orchard and pasture; \$1,200 cash; half of land tillable and good pasture. L. C. Nolin, Cecil, Ark.

For Sale or Exchange—130 acres; 50 acres in cultivation; 75 acres under fence; 6 acres in alfalfa; new four room house; good well; two barns; 1 smokehouse; land lays well in the eastern part of Izard county on public road; will trade for smaller farm in Eastern Arkansas or South Eastern Mo. Willie Hinson, Myron, Ark.

Yell County Farm for Sale or Exchange—176 acres in Harkeys Valley; 8 miles from North Belleville; 100 acres in cultivation; 2 houses; four good wells; 1 spring; 76 acres in timber; price \$3,000; located on state road, mail route and telephone line. For further information write J. A. Wilks, Stafford, Ark.

Sandy Loam Mountain Bench Land—240 acres; 30 acres cleared; rest in oak timber; for trade for smaller farm well stocked and equipped; or house and lot in Eureka Springs. For further information write Ida Chesbro, Sugar Grove, Ark., in care Dorr Bros.

Crawford County Bargain—36 1-3 acres; 26 acres in cultivation; 6 acres in timothy and clover; balance in timber; good house and barn and other outbuildings; good wire fence and two springs; on mail route; three miles from railroad; price \$700. Jake Snell, Armada, Ark.

Green County Lands—Tracts from 40 to 2,041 acres; in the rich Cache River Valley; from \$20 to \$50 per acre. Ben H. Crowley, Paragould, Ark.

Logan County Fruit Farm—60 acres, fenced; 100 Elberta peach trees, 60 apple trees, 1 1/2 acres in strawberries; some grapes; 30 acres in open field; 30 acres in good pasture; 2 room house with good cellar; 1/2 mile to church and school; daily mail. For further information write James P. Jones, Booneville, Ark.

70 Acre Farm for \$400—Good land, 15 acres good for orchard or berries; good timber for ties; near school and railroad. C. E. Williams, Lydalisk, Ark.

75 Acre Dairy Farm—Ideal for dairy or poultry; 60 acres in cultivation; rest in pasture; young orchard; 4 room house and hay barn; good well water; cows, calves, horses, cream separator and farm implements; 1 mile from good town, 30 miles from Little Rock; price \$3,800. Terms. L. J. Marline, Beebe, Ark.

Van Buren County Farm—160 acres; 65 acres in cultivation, balance in virgin oak and pine timber; level, free from stone; new 5 room house, big barn and other outbuildings; good schools, churches, stores and mills; rural telephone and mail service, Box 71, Scotland, Ark.

200-Acre Tract—80 acres cleared, 65 acres cultivated; 3 room house, two tenant houses, good well and cistern; 2 1/2 miles from town; price \$5,000. Mrs. E. A. Harris, Warren, Ark.

Garland County Farm—Two year lease; 30 acres upland, produces corn, cotton, peanuts and peas; produced this year 150 bushels corn, 147 bales peanut hay on 19 acres; 2 room house, good well water; outbuildings; fine apple orchard and garden; 1/4 mile from good school, two miles from Bonnerdale; will sell or trade for good farm. J. Louton, Bonnerdale, Ark.

Carroll County Farm—122 1/2 acres; five miles from Eureka Springs; under good fence; 40 acres alfalfa; orchard grass and clover; 20 more acres in cultivation, remainder in tame grass and timber; six springs; modern house; two barns for hay and stock. M. L. McCall, Eureka Springs, Ark.

Two Washington County Farms—One consisting of 80 acres improved land 12 miles from Fayetteville and about 3 1/2 miles from Elkins; on county road and R. F. D. Route; price \$1,600 if sold within 30 days. The other farm has 40 acres, 3 1/2 miles from Elkins; price \$400. Ernest E. Jewell, Harris, Ark., Route 1, Box 92.

67-Acre Fruit Farm—30 acres in apples; also peaches, cherries, plums, grapes, blackberries and strawberries; new house, barn and chicken house; price \$5,500; will give terms on \$1,500, balance cash. E. E. Chapin, Bentonville, Ark. R. F. D. No. 3.

Two Sevier County Farms—160 acres fine fruit, truck and agricultural land; three miles from station where fruit and truck is shipped by car lots; 40 acres cleared; orchard; price \$4,000. The other farm has 180 acres; partly improved; fine springs; part fine strawberry land; price \$2,000. Possession of either or both at any time. G. W. Sullivan, Route No. 3, DeQueen, Ark.

For Sale or Lease—80 acres; 40 cleared, 40 in woods pasture; good fences and buildings; five miles from county seat; good roads; grocery on place. W. A. Smithy, Box 15, Lewisville, Ark.

Baxter County Tract—320 acres; 2 good houses, three large hay barns; 75 acres in hay, 5 acres in orchard; 7 acres in strawberries; 1 good spring in pasture; two good wells; 4 teams of good mules; all for Ford car or Overland car and \$200 cash. Jim Onnis, Henderson, Ark.

For Sale or Exchange—40 to 200 acres; good cotton and corn land; good climate and water. Robert R. Black, Shirley, Ark., R 2.

For Sale or Exchange—Well improved 40 acres in Sevier county; 1 1/4 miles from school; 4 room house, big barn and outbuildings; 3 1/2 acres in strawberries. Cash or trade for improved land in New Mexico or Arizona. R. C. Myers, Horatio, Ark.

Dallas County Farm—80 acres; 50 in good bottom; 35 acres cultivated; 3 acres in meadow and balance in timber and pasture; small orchard; 2 room house and outbuildings; good well and ever flowing spring; near school and church. S. B. Dye, Route 2, Fordyce, Ark.

Phillips County Farm—160 or 320 acres fine bottom land; 50 per cent or more open and in cultivation; close to two paved roads and 13 miles from Helena. A. P. Coolidge, Helena, Ark.

60 Acres in Lonoke County—35 acres in cultivation; 3 1/2 acres new ground strawberries; 7 room house, new barn; 1/4 mile from church, store, school and depot. J. H. F. Powell, Box 94, Ward, Ark.

Montgomery County Farm—60 acres; 40 acres in cultivation, rest in timber and meadow; 3 room house, barn, smoke house, etc.; price \$37 per acre. W. R. Buchanan, Waters, Ark.

Good Stock Farm—200 acres; 10 miles east of Gillham and the Kansas City Southern Railroad; 30 acres open land; one-half can be cultivated, balance good pasture, fruit, berry and range land; on edge of Dierks Lumber Company timber holdings for future cutting; price \$800. J. I. Roberson, Gillham, Ark.

Jackson County Farm—40 acres; 3 acres in cultivation, 7 acres deadened; black sandy loam soil; 1 mile to school and church; price \$800. A. M. Stewart, P. O. Box 63, Tupelo, Ark.

Farm for City Property—80 acre farm; for trade for few acres near Little Rock or Benton; must have good house. J. W. Jones, Swaty, Ark.

For Sale or Exchange—159 acres near Salem, Ark.; 30 acres in cultivation; would like to exchange for

some place near Paragould; 3 room house, cellar, cistern, barn. G. F. McFadden, Box 742, Salem, Ark.

Fruit Farm—Will set orchard and care for same on easy terms. E. E. Holmes, Thornburg, Ark.

Hot Spring County Farms—Improved farms from 24 to 240 acres; fine water; full range; 12 miles to railroad town. Allen Hunt, Point Cedar, Ark.

215 Acres in North Baxter County—Partially improved, on good road; close to school; 2 1/2 miles south of Howard. Good road; timber, water and range. Owing to old age and lack of help owner will sell at a bargain. Also 60 acres in south part of county near railroad, on easy terms. M. T. Allman, Gassville, Ark.

A Bargain from Izard County—Five room house with one acre of fine walnut land; 2 lots; good barn and outbuildings; extra fine garden; will sell cheap. Danna L. Smith, Newburg, Ark.

Hempstead County Farm—120 acres; free from stone; good truck land; also bottom corn land; 12 miles from Little Rock on R. I. R. R. 2 1/2 miles from Mo. Pac. R. R., 5 room house, two barns, two good wells and potato house; price \$3,600; easy terms. Len E. Williams, Benton, Ark.

Mineral Springs—80 acres of land near Emmet; containing springs, the waters of which have rare curative qualities; can furnish analysis. Samuel Gantsche, Route 2, Emmet, Ark.

Sharp County Farm—560 acres, 125 acres in cultivation, 100 acres of good bottom land; on South Big Creek; several springs; fine stock farm; under good fence; seven houses, barns, etc.; eight miles southeast of Evening Shade, the county seat, and five miles

north of Cave City; 1/2 mile to school; price reasonable. John M. Street, Levy, Ark.

Sunny View Farm—155 acres, 80 acres in high state of cultivation; good rich clay loam; 25 acres rich bottom above overflow; three acres in red-top and bluegrass meadow; corn, wheat, oats, cotton, potatoes, alfalfa, clover, tame grasses and most all varieties of fruit produce abundant crops on this farm; eight acres now in orchard and has produced more than 3,000 bushels of fine pears and apples in one season. Handy to the two best markets in the state, one-half mile of the Bankhead Highway from Little Rock to Hot Springs; only about one hour's drive to either place over good road; one mile to railroad stations, one mile to one of the best graded schools, including high school; one and one-half miles to church; right on daily R. F. D. route and phone line to market. A good two-story ten-room residence; two good barns, good granary, mill house and other buildings; two fine wells of never failing water; an ever running brook through the farm; good fishing and hunting; white neighborhood; a fine healthful location, with every rural convenience and possibility. A fine farm, worth \$8,000; will sell for \$4,600, one-half on terms. Also have mules, farm implements and complete grist mill outfit on the place for sale. See or write the owner, A. B. Shockley, Slocomb, Ark.

White County Section—640 acres three miles west of Bald Knob; well timbered with virgin hardwood. John Fritz of Bald Knob, owner of adjoining land, will show property to anyone interested. Theodore Maxfield, Batesville, Ark.

Homeseekers Who Want to Buy Arkansas Farms.

J. N. Cecil, 529 West Broadway, Long Beach, Calif., writes for descriptive matter in Clark and Ouachita counties.

Seth W. Mount, R. F. D. Dexter, Iowa, is seeking a home in Arkansas.

S. R. Ramsey, So. San Antonio, Texas, is looking for farm and orchard lands in the Northern part of Arkansas.

R. M. Hutchinson, Marceline, Mo., is looking for a location for ice cream plant in Arkansas and is in the market for creamery apparatus, including churns, freezers, packers, etc. He might be interested in the purchase of retail milk routes in some city.

Carl J. Eik, 3848 N. Tripp Ave., Chicago, Ill., asks about cut over land in the Ozarks.

Gustav Grasz, Route 1, Letcher, S. Dak., is thinking of moving to Arkansas and wants to know about the climatic conditions, also the crops and stock raising in general.

Ernest Stewart, Route 1, Box 32, St. John, Kan., an ex-service man, has requested general information regarding Government lands in Arkansas.

E. J. Massard, 53 South College St., Akron, Ohio, is in the market for Arkansas land suitable for growing of fruit, also wants to know about schools, roads and livings conditions in the Northern part of Arkansas.

Joe Barnett, Dakota City, Neb., asks about land, crops and stock raising in Arkansas.

S. M. Callis, Box 514, Coeur D'Alene, Idaho, is thinking of coming to Arkansas and wants to learn all he can about the state.

Homer C. Cook, Route 2, Alpin, Wis., wants to purchase a farm in the fruit belt of the Ozarks.

H. D. Nolan, Box 758, Sioux Falls, S. Dak., is making inquiry about homestead lands in the state.

L. H. McCoy, 217 Tyler Ave., Detroit, Mich., is planning on making a trip to Arkansas in view of buying a farm and locating here and would like to be furnished information where the best land is available.

E. J. Bell, in care Camefield Hotel, Minneapolis, Minn., requests information about Arkansas.

R. F. Harrison, B & B No. 2, La Junta, Colo., makes inquiry about farm and orchard lands.

Lee Lucas, Gen Del., Norris, Ill., is looking for a new location. Those having land for sale should write him.

J. B. Wilson, Wingate, Texas, asks for information that would interest a homeseeker.

Gus Heath, 219 So. 2nd St., Herington, Kansas, has friends who have moved to Logan county and more who wish to visit that part of the state, and desires information concerning the roads.

A. R. McCutcheon, Box 424, Lincoln, Calif., would like to learn all he can about the state.

Thomas J. Rhodes, Lenoir City, Tenn., is thinking of locating in Arkansas and has been furnished with literature descriptive of the state.

S. C. Taylor, R. F. D. 1, Columbia, So. Dak., wants to find some land suitable for growing bulbs, flowering plants, seeds and tubers.

E. G. Nixon, 909 Bayland Ave., Houston, Texas, an ex-service man makes inquiry about homestead lands in Arkansas.

B. B. Gardiner, Box 513, Sibley, Iowa, asks for information that would interest a homeseeker.

F. H. Ditto, Fredonia, Kan., is thinking very strongly of coming to Arkansas and bringing two or three settlers with him. He would like to learn all he can concerning the state.

A. C. Palmer, Route B, Box 74, Indianapolis, Ind., is thinking of buying a farm near Batesville and asks especially about the roads in the state.

Robert D. Johnson, 1009 W. 10th St., Trenton, Mo., would like to trade a lot 50x100 ft., for a small farm in Arkansas. Price \$1,800.

D. G. Campbell, 24 Lafayette Blvd., Norfolk, Va., wants to locate in the Ozarks. He has property in the East that he would exchange for a good farm.

John L. Burkhardt, Route 5, Waterloo, Ill., would like to rent 80 acres of land in Arkansas suitable for raising corn and hogs.

FARMERS EXCHANGE

Conducted jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Purebred Holstein bull calf in good condition; has high milk record on both sides. First check for forty (\$40) dollars gets him. W. W. Stewart, R. F. D. No. 4, Booneville, Ark.

Fletcher Farms, Scott, Ark., has an aged roan registered Shorthorn bull for sale; also about 80 head of cows, yearlings and calves mostly grade Shorthorns.

J. E. Critz, McCrory, Ark., has one carload of Angus feeder steers and several cars of mixed steers for sale.

Mrs. Bertha Webber, Des Arc, Ark., wants a Red Poll bull calf at a cost not to exceed \$25.00 to \$30.00.

Registered Jersey bull; three years old; a good Herd bull; well bred. \$75.00 crated. W. A. Smithly, Box 15, Lewisville, Ark.

J. L. McKeen, Bentonville, Ark., has 150 head of registered Galloway cattle, 880-acre ranch in Union county, New Mexico. Will trade for Arkansas Ozark land, merchandise or income property or newspaper.

Purebred Holstein bull, ready for service, \$35. J. R. Stewart, Chismville, Ark.

Hogs for Sale

Purebred Duroc sows; price reasonable. Kinley Johnson, Whitner, Ark. Sensation-Pathfinder Durocs. Walter Bros., Sulphur Springs, Ark.

Registered Duroc Jersey hogs; gilts and boars five months old, \$15; four months old, \$12.50; three months old, \$10. Tried sows \$30 and \$40. L. W. Owens, Route No. 2, Bingen, Ark.

F. P. Owens, Bingen, Ark., has registered Hampshire hogs, tried sows, bred pigs and boars, for sale.

Feeder hogs. G. J. Ballard, Western Grove; Jno. H. Gibson, Lauratown; E. F. B. Sargent, Harrisburg; J. F. Thompson, Pocahontas; J. E. Critz, McCrory; W. D. Tzell, DeWitt; Jno. R. Kizer, Pocahontas; F. J. Batz, Pocahontas; Alva Dixon, Hindspeth; Sanford Smith, Monticello; Titus & Foote, Hamburg; G. M. Butler, Leola.

J. B. Austin, Gravette, Ark., has for sale Duroc Jersey pigs, nine gilts and seven boars.

G. C. Sossamon, Arkadelphia, Ark., has for sale a good two-year old Poland China boar now quoted at \$50.

Geo. A. Greer, Des Arc, Ark., wants one Poland China boar six to eight months old and a gilt to breed for March farrow.

R. H. Romunder, Des Arc, Ark., wants one Poland China boar pig two months old. Will buy or trade pig of equal value.

Horses for Sale

Barbee Stock Farm, Monticello, Ark., has 10 head of purebred Shetland ponies. Your boy or girl wants one for a Christmas present.

A pair of young mules sired by a registered Jack and out of registered mares. suitable for farm work, riding or driving. Have extra style and finish. Barbee Stock Farm, Monticello, Ark.

Purcheron Stallion, seven years old; weight about 1,800 pounds; no blemishes. Will sell cheap or trade for good young stock. Chas. C. Bailey, Route 1, Hackett, Ark.

Mules for Sale

Seven head of good, young, well broke farm mules. One pair of fine twin mules, dead matches, only four years old, weight about 1,000 each. The seven head at normal prices are worth more than fifteen hundred dollars, but will sell for \$950, or a pair for \$300. A. B. Shockley, Slocumb, Ark.

Goats for Sale

W. C. Dampi, Marshall, Ark., has for sale grade Saanen Nannies, \$15; Bucks, \$10, natural hornless common goats bred to purebred registered Saanen buck \$5.

Fletcher Farms, Scott, Ark., has about 125 head of goats for sale.

R. E. Lake, Douglas, Ark., wants a good Shropshire ram.

Seeds and Plants for Sale

Genuine White Spanish peanuts 4½ cents per pound; recleaned, 5 cents per pound. L. W. Owens, Route 2, Bingen, Ark.

Ten thousand Gladiolus bulblets, 15 cents per dozen; \$1.20 per 100; \$11 per 1,000; \$100 per 10,000. Ivan L. Butler, Box 92, LeCompte, La.

Cabbage plants about six inches high, 25 cents per 100; \$1.75 per 1,000. Ivan L. Butler, Box 92, LeCompte, La.

Forsythia, Cape Jasmine, Arbor Vitea, red, white, yellow and pink bush and rambler roses; brown Turkey, Brunswick and Celestial sugar fig trees; seedling pecans, magnolias, quinces, 25 cents each; \$3 per dozen; \$20 per 100, all one kind or assorted; Camelia Japonica, \$1; Cydonia Japonica, 75 cents; green rose, \$1 to \$3; grape cuttings, 25 cents per dozen; camphor trees, \$1.75 each or \$20 per dozen. Ivan L. Butler, Box 92, LeCompte, La.

Whippoorwill peas, \$3 per bu.; Mebane-triumph cotton seed, \$1.50 per bu. L. W. Owens, Route 2, Bingen, Ark.

Apple grafts made to your order; can furnish almost any of the leading varieties, write for prices. Lankford Nursery, Bergman, Ark.

Aroma strawberry plants from newly set fields. State inspected. Inspection certificate attached to each shipment. J. F. Fagan, Bentonville, Ark.

Several car-loads of good commercial packed Ben Davis apples in barrels. Stored at Sioam Springs, Ark., on K. C. S. Ry. E. S. Taff, Bentonville, Ark.

Garlic seed, ready for planting now, 2,000 lbs at reasonable price. John M. Street, Levy, Ark.

Giant beggar weed seed, 60 cents per lb.; bunch Velvet beans, \$2 per bu.; running Velvet beans, 90-day type, \$1.50 per bu. N. T. Beasley, Kite, Ga.

Poultry for Sale

Single Comb Rhode Island Red hens and cockerels, \$2 each. One very best. Mrs. G. P. Eidson, Springdale, Ark.

Twenty-one thoroughbred Indian Runners, 15 ducks and six drakes; \$1 each or \$20 for entire flock. Mrs. Maud Thompson, Hopper, Ark.

Barred Rock cockerels, extra fine markings, large individuals; \$2.25 each; 10 or more, \$2 each. Mrs. W. A. Van De Mark, Lamar, Mo.

Bantams, snow white, good layers, top-knotted, 60 cents each or \$1.50 per trio. Valma Van De Mark, Lamar, Mo.

White rock pullets and cockerels, snow white with yellow legs and beak, \$1.50 each; \$15 per dozen.

Purebred Black Langshan 8¼ lb., hens pullets and cockerels and a fine one-year old cock; reasonable price. Mrs. E. C. Brackett, Batavia, Ark.

Extra fine game chickens, round heads and muffs, all colors; cocks from \$5 to \$15; hens \$3; cockerels \$3; pullets \$2; eggs in season, \$3 per settings of 15. J. D. Flowers, R 1, Higden, Ark.

Thirty White African Guineas, \$1 each or \$3.25 per trio, f. o. b. E. E. Henning, Bentonville, Ark.

Single Comb R. I. Red cockerels, February hatch, eggs from Holcomb

Poultry Farm. Price, \$2.50 each, special price on lots of 6. Mrs. C. L. Goss, Route 1, Box 107, Haskell, Ark.

Narragansett turkey toms, \$8 each or two for \$15. W. F. Nance, Raven-den, Ark.

Two very fine Geo. B. Ferris White Leghorn cockerels, \$1.50 each. W. F. Nance, Raven-den, Ark.

Prize Winners—Single Comb Brown Leghorns and Silver Spangled Hamburgs cockerels. Price of both \$1.50, \$2.00 to \$2.50. Also a few hens and pullets of both breeds for sale. Write me how many you want, and I will send prices. W. F. Sudmeyer, R. F. D. No. 1, London, Ark.

Poultry Wanted

Narragansett turkeys. Anyone who breeds them for sale, please write to L. W. Forbes, Hackett, Ark.

For Sale—Miscellaneous

Raise your own sage; young bushes, 10 cents each or 80 cents per dozen, post paid. M. L. Taylor, Wideman, Ark.

Drinking gourd seed, 5 cents a package, post paid. Should be planted in February. M. L. Taylor, Wideman, Ark.

Black walnuts, will exchange for quilt scraps. M. L. Taylor, Wideman, Ark.

Trained and untrained black and tan tree hounds. Murrell Johnson, Sonora.

Ferrets for rats. Booklet and prices free. Thos. L. Sellers, New London, Ohio.

Fancy evaporated apples, 50 lbs. \$5 f. o. b. M. A. Dorman, R 1, Farmington, Ark.

Complete Grist Mill outfit—including 12 H. P. Kerosene Engine, No. 88 Litz Feed Mill, 22-in. Burr Grist Mill, Wood Saw, large Emery Wheel, Line Shaft, 150 ft. Belting, 6 Pulleys; all complete; in good running order; good as new; cost over \$1,000; will sell for \$450. A good up-to-date Threshing Machine—including 9 H. P. Kerosene Mounted Engine; outfit good as new; cost over \$1,000; will sell for \$450. If you want a real bargain, see or write A. B. Shockley, Slocumb, Ark.

Twelve pounds new crop evaporated apples delivered, \$2. J. F. Cook, Fayetteville, Ark.

Wanted—Miscellaneous

Three good families to make share crops. Good land, good houses, and healthful neighborhood. R. H. Toll, Tollville, Ark.

To buy old crop pecans for cash and immediate shipment. Send sample and advise quantity. To contract for new crop Mobile pecans. Barry Nut Co., 318 Metropolitan Theatre Bldg., Atlanta, Ga.

To rent for cash a farm 20 to 80 acres with fenced garden and some fruit, on an automobile road in the Ozarks. A. M. Martin, 817 Dants Blvd. Bicknell, Ind.

The Grant Paint Pigment Company, Bensenville, Ill., desires to communicate with persons in Arkansas who have deposits of graphite, ochre and iron ores.

New crop soy beans, stock peas, Spanish peanuts and Tennessee red peanuts are wanted. Fort Smith Seed Company, Fort Smith, Ark.

Roots, herbs and barks. Southeastern Crude Drug Co., Bristol, Va.

Farm Wanted—150 to 200 acres in north or northwest, on good road, within five miles of railroad; at least 60 acres tillable; equipped with stock and tools. Will make cash payment of \$1,000 to \$1,500. A. C. Palmer, Box 74, Route B, Indianapolis, Ind.

Lots to Exchange for Land—8 vacant lots in Sayre, Okla., to exchange for 5 acres of level land on good road and near R. R. town in Arkansas. W. M. Cambell, Blackburn, Ark.

For Sale or Exchange—18½ acres in Montgomery county; 35 acres in cultivation; 80 acres fenced; 3 room house and barn; good water; 1½ miles from school and church; price \$1,250 or will trade for good team of mules or Ford truck. K. W. Shields, Hopper, Ark.

More Homeseekers Who Want to Buy Arkansas Land

J. A. Forgy, Quality, Ky., is coming to Arkansas soon and wants to buy a farm in the Northeast part of the state.

Dr. S. R. May, Mt. Zion, Ill., is interested in Dallas and adjoining counties.

C. W. Maples, Morgantown, N. C., is thinking of coming to Arkansas and literature has been sent to him at the request of D. A. Shields, Stuart, Ark.

L. D. Coulter, Centralia, Mo., and R. E. Wallace, R. S. Fulton, Mo., have been sent literature at the request of friends in this state.

J. W. Hardin, 2257 Tremont Place, Denver, Colo., asks for literature on northern Arkansas.

Harry R. Marlow, Warren, O., is a prospective homeseeker.

A. R. McCutcheon, Box 424, Lincoln, Cal., wants to move to Arkansas.

DeWitt J. Lilly, Jefferson, S. D., writes for information concerning the opportunities that Arkansas offers to the farmer and he has been sent illustrated books, maps, etc.

J. P. Williams, R 1, Floyd, Va., is interested in the country about Conway, Russellville, Harrison, Batesville, Heber Springs and Morrilton.

W. H. Denton, Holland, Ky., is coming to Arkansas to live about Jan. 1, and he wants to settle in Jackson or adjoining counties.

Chas. H. Steirtz, Big 4 Ranch, Gilman, Ia., has just sold 800 hogs and wants to come to Arkansas.

Chas. Ellingson, 3538 Rita ave., Chicago, asks for information about farm lands about Mountainburg, Ark.

New State Map Soon Will Be Completed

The 1923 Wall Map of Arkansas, prepared by the Department of Mines, Manufactures and Agriculture, is now on the press and will be ready for distribution by Christmas. Fifty thousand copies will be printed, and Commissioner Ferguson will mail one of the maps to any citizen who makes request.

This map is 36x42 inches in size and printed on two sides. The front of the sheet contains a large township map of the state in two colors and a list of all postoffices, with the population figures based on the 1920 Census Report. In the margin there is a small soil map of the State, prepared by Dr. N. F. Drake, geologist connected with the Department, and a map showing the location of fertilizer materials, such as limestone, phosphate, rock, marls and greensands.

On the back of the map is a description and a representative photograph of each of the seventy-five counties of the State, with detailed statistics as to the production of minerals, manufactures and agriculture, this data being revised to include the latest information obtainable.

The map will be used extensively in the immigration work of the Department, a copy being mailed to all prospective homeseekers.

Sebastian County Boys Judge Stock at International

The three Sebastian county boys who won the championship of Arkansas by their superior stock judging at the County, District and State Fairs in Arkansas are this month in attendance upon the International Live Stock Show at Chicago, where they will judge in some of the classes and compete for higher honors in the judging field. Arkansas is justly proud of these fine boys.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 1

LITTLE ROCK, ARKANSAS

January, 1923

With One Million, Forty Thousand Bales, Arkansas This Year Ranks Second Among States in Cotton Yield

As the cotton picking season draws to a close. Arkansas once more has a larger crop than earlier reports indicated. On September 25th reports from growers indicated about 164 pounds of lint per acre, but December 1st figures indicate a state average of 174 pounds of lint. This, based on a total harvesting of 2,861,000 acres, indicates a crop of approximately 1,001,000 running bales, or 1,040,000 standard bales. These figures are derived from an analysis of some 600 reports submitted to the Arkansas Co-Operative Crop Reporting Service and released by the U. S. Department of Agriculture through the Arkansas office on December 12th.

Boll weevil damage was considerably less than was expected the very dry fall checking the ravages of the insect to an unlooked for degree, so that a larger middle and top crop was harvested than most growers had believed possible. On December 1st figures showed that 98% of the crop was picked, as compared to 99% last year at the same date. While the crop this year was even earlier than last year, owing to the fact that it is about 240,000 bales in excess of last year, it has taken slightly longer to pick, especially in the heavy bearing districts in eastern and northeastern Arkansas; also the labor movement in the past few weeks to northern cities is said to have slightly curtailed the rate of gathering.

Prices are nearly 50% higher than last year, when the average of the state on December 1st was 16.1 cents. This year the average is 23.2 cents. The average price of cotton seed is \$34.75 per ton.

From the estimates for the other states given below, it will be seen that Arkansas is in second place this year in cotton production, Texas, as always, being the leading state:

State	Bales
Virginia	25,000
North Carolina	852,000
South Carolina	530,000
Georgia	725,000
Florida	25,000
Alabama	835,000
Mississippi	1,010,000
Louisiana	357,000
Texas	3,290,000
ARKANSAS	1,040,000
Tennessee	400,000
Missouri	149,000
Oklahoma	635,000
California	85,000
Arizona	42,000
All other	15,000
UNITED STATES	9,964,000

Cotton Varieties That Do Best in Arkansas

Tests conducted by the Arkansas Experiment Station at Scott and other

Example of Modern Cotton-Growing Methods as Practiced by Arkansas Planters



Field of Cotton in Jackson County that Yielded Two Bales to the Acre

er places in the state show eight varieties of cotton to be adapted best to the various soils and growing seasons of the state. For the longer staple varieties Express and Webber have given best results. These two varieties are most widely grown on the more fertile soils of eastern and central Arkansas. Each variety has about

the same adaptation. They are not generally recommended to soils that will not produce at least half a bale per acre.

Among the short staple varieties, Triumph, Cleveland and Trice are recommended as giving the best results. Cleveland and Triumph have about the same adaptation. Triumph is one of

the most widely grown varieties in the state, and on account of its popularity much seed of rather doubtful quality has been distributed. If pure seed of this variety is used, good results may be expected practically over the entire state.

Trice is early, prolific and gives a good gin turnout. This variety is adapted to practically the entire state where a short staple is desired, according to the Arkansas Experiment Station. On account of its earliness it may be grown farther north than the other two short staple varieties.

Of this intermediate staple varieties, the Station recommends Lone Star, Rowden and Acala. Lone Star is not quite as early as Triumph and should

generally replace varieties like Cleveland on the more fertile soils. Rowden is later than Lone Star and on account of its heavy foliage is not well adapted to the heavier soils.

Acala is a variety that has become popular over the state in a short time. It seems to give best results on fertile sandy land in Arkansas, and is adapted to practically all of the state as far north as the area with 200 to 210 days free from frost.

Champion Jersey of Arkansas at State Experiment Station



Jersey Herd of Which Golden Jubilee is a Member

By producing 10,142 pounds of milk and 597.60 pounds of butter fat Owl's Golden Jubilee 314094 becomes the state and mature class champion of Arkansas. She started test at eight years one month of age. Her average test was 5.89%.

Six of the twelve months on test Jubilee produced in excess of fifty pounds of butter fat and in the month of October produced as high as 64.32 pounds. She came into milk strong at the beginning of her lactation period

and, necessarily, dropped off somewhat towards the end, but she is rather a consistent producer.

She was sired by Owl's Royal Eminent 88729, which bull has two Register of Merit daughters. He is the son of the famous old sire, Eminent 69631, which makes him a half-brother to Eminent 19th, A. J. C. C. Gold Medal bull.

Golden Jubilee was bred and is owned by the Arkansas Experiment Station, Fayetteville.

New Poison with Odor of Cotton Bloom Lures Boll Weevil to Its Death

J. S. Wannamaker, president American Cotton Association, says:

Recently I made a trip to Gough, Ga., for the purpose of investigating the Hill method of boll weevil control. This boll weevil poison is the product of years of study and experiments by Mr. Dozier Hill, a wealthy and successful business man, a large land owner, merchant and farmer, whose father was a physician.

Mr. Hill insists that the boll weevil feeds, not upon the squares, forms and bolls, but that the puncturing of these is done for the purpose of egg-laying; that both the female and male puncture the squares, forms and bolls for the purpose of furnishing a nest for the eggs, and that the boll weevil absolutely feeds upon the bloom of the cotton. Until the weevil can get food from the bloom, he sucks the food from the tender leaves of the cotton found in the heart of the stalk. Mr. Hill stated that by applying it in the heart of the cotton stalk, the boll weevil is attracted to it, eats it and is annihilated. The amazing part is the cost of the poison. Under Mr. Hill's method, it costs from \$2.00 to \$3.00 per acre at the outside, this being one-quarter to one-sixth the cost of the most popular methods.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Editor
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMOGRAMS

Mississippi county is holding its own in wheat acreage. Clay and some other counties show a decrease in fall planting.

A movement is on foot to build two more compresses in Mississippi county, one at Blytheville and one at Monette. The county already has one compress. The local receipts of cotton amount to about 86,000 bales.

Twenty-one earloads of onions and \$67,000 worth of cucumbers were grown in Mississippi county this year.

A new agricultural club among students at the University of Arkansas has just been formed by men specializing in animal husbandry.

Farmers will be interested in the new plan of the Arkansas Bankers' Association for making a survey of each county in the state to determine its agricultural needs. Statistics furnished by the State and Federal Governments show the acreage and production of the various crops. The shipping records of the railroads show what crops are exported and what products are imported. If a particular county develops heavy importations of corn and feed and an excessive acreage in cotton, obviously the situation will suggest a rearrangement of crops and, with real facts and figures in hand, the banker, the business man and the farmer can get together and work out an ideal cropping system.

Seven and Half Million Bushel Rice Crop for Arkansas

From approximately 160,000 acres Arkansas growers will this year harvest around 7,350,000 bushels of rice. This is about 48 bushels an acre, which is only slightly under the state's record yield.

The acreage by counties, as given by the Bureau of Crop Estimates from reports submitted by 400 growers representing 40 per cent of the total acreage, was as follows:

Clay county 1,210 acres, Craighead 1,820, Lawrence 220, Poinsett 8,360, Cross 2,980, St. Francis 4,660, Lee 2,580, Monroe 1,060, Woodruff 2,240, Prairie 19,680, Lonoke 21,840, Arkansas 86,700, Lafayette 400.

The percentage planted to each is given as follows: Honduras 1.5% of total acreage; average yield 43 bushels; Early Prolific 28%, average yield 45 bushels; Blue Rose 61%, average yield 51 bushels; Storm Proof

6.6 per cent, average yield 45 bushels; Japan 2.4%, average yield 52 bushels; other varieties 0.5%, average yield 47.8 bushels.

There has been a considerable increase in the planting of the heavy-yielding Blue Rose and a decrease in the acreage of Early Prolific, which has run badly to red rice. The other varieties show about the same acreage as last year.

The cost of producing this year's crop is estimated at from 55 to 60 cents a bushel. The expense was increased because of the heavy consumption of water owing to the long summer drouth, making necessary a more continuous and active operation of the pumps. The price of Blue Rose at the time of this report was \$1.05 a bushel, and the price of Honduras \$1.25 a bushel.

Orchard Survey Shows Big Decrease in Both Apples and Peaches

Few farmers as yet realize the fact that the number of bearing fruit trees in this country has decreased enormously during the last decade.

The Government surveys of bearing orchards show the following astounding figures:

	1910	1920
Apple trees in bearing	151,322,840	115,265,029
Peach trees in bearing	94,506,647	65,654,921

That is a DECREASE in bearing apple trees of 24%, and a DECREASE in bearing peach trees of 30%.

Not only is there this marked decrease in bearing trees; but in the young orchards, not yet of bearing age, there has also been a marked decrease. The Government's figures on young orchards are as follows:

	1910	1920
Apple trees not yet in bearing	65,791,848	36,171,604
Peach trees not yet in bearing	42,266,243	21,623,657

In other words, a decrease in non-bearing apple trees of 40% and a decrease in non-bearing peach trees of 49%.

There are many farmers who feel that they would like to start an orchard, but who are deterred by the thought that it involves a "long term investment" because it will be several years before the trees will begin to produce paying crops.

But a young fruit orchard can, by proper handling, be made to pay a large part of all the expenses involved in bringing it to the bearing age. Frequently the entire cash outlay may be gotten back before the first fruit crop is sold. And the work necessary, if the orchard is not too big a one, may be done without adding any additional help to that already

needed for other farm operations. No additional equipment will be needed, with the possible exception of a spraying outfit—And if potatoes or any other vegetables are being grown, this is really a necessity whether one grows fruit or not.

Old Lespedeza Seed Show Poor Germinating Test, Experts Find

The danger in buying 1921 lespedeza seed for planting this season is sharply emphasized by tests conducted by the seed laboratory at Texas Agricultural and Mechanical College recently at the request of E. G. Logan, secretary-manager of the Lespedeza Seed Growers Co-operative Association of Baton Rouge, La. Eleven samples of seed were sent to the Texas station, and the germination test conducted showed a drop from 77.3 germinating power in 1921 to 15.8 at the present time.

The samples of seed tested had been kept under favorable storage conditions since they were delivered to the Association during the 1921 marketing

season, and the germinating power as shown by the tests made at that time ran from 19 per cent for the lowest to 98 per cent for the highest, the average being 77.3. The samples tested this year were taken at the same time as those used in last year's test, but were put away for a check on the keeping quality of the seed.

The samples tested showed a range in viability after being kept over one year of from 9 per cent to 31.50, the high testing seed of last year generally running true to form with the highest percentage of germinating power for the second season. Based on these tests, however, it appears that it is hardly worth while planting old seeds, even when they can be obtained at low prices, as it would be necessary to plant several bushels to the acre to secure a stand, while one bushel of new seed is all that is usually required under favorable conditions.

Further information on the germinating power of lespedeza seed may be obtained by writing P. L. Drummond, College Station, Texas, or A. F. Kidder, agronomist, Louisiana State University, Baton Rouge, La.

Homeseekers Who Want to Buy Arkansas Farms.

C. L. Hayhurst, Elkview, W. Va., writes asking for information regarding farm, schools, roads, soil, climate and health conditions; he is a prospective homeseeker.

W. A. Harrison, Bristol, Colo., wants to know about cut-over timber land in the southern and middle western part of the state.

J. H. Baughman, 312 W. Washington, Pontiac, Ill., asks for information concerning soils in south and southeast Arkansas.

J. A. McCorkle, 602 North 10th St., Rocky Ford, Colo., is thinking of settling in Arkansas, and asks for information.

Inquiry has been made by F. G. Maile, care Carl A. Kane, R. 7, Kalamazoo, Mich., an ex-service man, about homestead land in the Ozarks and close to markets.

C. E. Karr, 3422 Agnes St., Kansas City, Mo., asks for Arkansas information; he prefers sections around Jonesboro.

J. C. Jensen, 10022 S. Carpenter St., Chicago, Ill., is thinking of buying a farm in northwest Arkansas.

Ernest H. Stewart, R. 1, Box 32, St. John, Kan., asks for literature that would be of interest to a homeseeker.

Paul D. Sweitzer, Box 160, Fayetteville, Ark., an ex-service man attending the State University, inquires about land with mineral deposits; wants to buy a farm.

F. Irsa, 266 West 117th St. New York City, asks for a list of farms for sale; also information concerning best crops for this climate.

J. A. Morrison, Fort Dodge, Kans., seeks information and literature relative to homesteading in Arkansas.

S. W. Hallock, Regnier, Okla., is interested in Arkansas land; wants to know the price of good grazing land, suitable for cattle and hogs; prefers the northern part of the state.

R. L. Yochem, Millsap, Tex., desires to locate somewhere in Arkansas; inquires about homestead land.

C. C. Ferguson, 1909 Holliday St., Wichita Falls, Texas, wants information about farming and marketing conditions in north Arkansas, around Fayetteville and in Baxter County. He wants to locate in Arkansas and try diversified farming, poultry and dairying.

John W. Bost, Twinton, Tenn., writes for literature of Arkansas, and contemplates making his home here.

R. A. Muir, 518 South 4th St., Ponca City, Okla., wants to locate where there are oil prospects; is especially interested in the territory around Mena.

H. R. Clark, Thayer, Mo., asks for a list of farms for sale.

S. A. Clay, Box 193, Parma, Mich., who intended moving to California, thinks he might like Arkansas, and makes inquiry about the land and climate. A complete line of literature has been sent to him.

Information has been sent on the resources of Arkansas to Z. B. Cooper, Wayne, W. Va., who is especially interested in the southwest part of the state.

A. H. McCleary, Mesita, Colo., asks for information regarding farming possibilities; prefers locality suitable for dairying, hogs and poultry.

An inquiry has been made by F. E. Barr, 841 Mauzanita Ave., Pasadena, Cal., concerning land in Stone, Marion and Boone counties, and homestead land in the Ozarks.

D. Jenkins, Round Rock, Texas, wants information about state land in Arkansas and is thinking of homesteading.

R. K. Fulkerson, General Delivery, Cheyenne, Wyoming, is leaving that state and wants information of Arkansas, especially the northern part.

Boyd Johnson, R. 4, Belleville, Kans., wants information on agricultural conditions and possibilities in various parts of the state.

Cecil L. Hildebrandt, Grand Junction, Mich., writes for soil map of State and address of some land agencies. He is especially interested in Craighead county.

Literature has been sent to J. E. Pfingston, Odell, Ill., who wants information describing Johnson county, also of the state generally.

Dr. A. J. Speer, Painton, Mo., desires information concerning homestead lands in Arkansas.

C. W. Brock, Flora, Ill., makes inquiry about the dairying and stock raising possibilities of Arkansas.

Clayton Berg, 2306 S. Mulberry St., Muncie, Ind., wants to come to Arkansas. He asks about government land, but would be interested in reasonably priced farms.

Kleber Shaver, R. 1, Box 19, Thompson, Pa., asks for map and literature that will acquaint him with conditions in Arkansas.

A. H. Bozman, R. 2, Dawn, Mo., asks about land in Arkansas.

A. M. Martin, 817 Dants Blvd., Bicknell, Ind., wants to rent from 20 to 80 acres in the Ozarks.

T. Banks, Hagerman, N. Mex., writes for literature about Arkansas.

C. W. Payne, Maryville, Mo., is interested in unimproved land in south central or southeast Arkansas.

A. Bredfield, 2816 Cullom Ave., Chicago, Ill., says he would like to buy a farm in Carroll county, near Eureka Springs.

FARMS FOR SALE

Improved Farm For \$2500—27 acres of red land, all cleared and fenced; two miles from Prescott, one mile to rural school; church in sight; 6-room house, painted, ceiled and papered; large barn; plenty of water. Price, \$2500. B. N. Coleman, Route 1, Prescott, Ark.

Pike County Bargain—40 acres under wire fence, 23 acres cleared, almost free from rocks; house, barn and other outbuildings; lasting spring water. Two miles from Amity and one mile from Rosboro, one-half mile from school. Price, \$600; half cash, balance on terms. E. H. Echols, Route 1, Box 22, Glenwood, Ark.

Fifty Acres of Timber Land—Fine soil, free range, good hunting and fishing; one mile to pike road, one mile to church and school and three miles to town. Price \$200, terms if desired. Thurlo Reece, Box 151, Mountain View, Ark.

Two Cleburne County Farms—Goat ranch of 160 acres, 55 in pasture, seven acres cleared and in cultivation, rest in timber; good fence, plenty spring water; good 3-room house, barn, garden, outbuildings, well in yard; about 100 acres tillable. Price, \$800. Tract of 159 acres, six in cultivation, family orchard, rest in hardwood timber; school house on place, plenty spring water; 150 acres suitable for cultivation. For further information write M. H. Humphrey, Signal Hill, Ark.

Creek Bottom Farm—90 acres on the the Big Morgan creek, a fine fishing stream, 45 acres in cultivation; pretty good improvements, on main road, healthful place to live. D. O. Friend, Route 2, Bonnerdale, Ark.

Carroll County Farm—169 acres, 40 in cultivation, 20 rich bottom, balance in timber, spring watered; 200 Leghorn hens; six miles from railroad, good wagon road. Price \$3,000. E. L. Everett, Alpena Pass, Ark.

One Hundred Twenty Acres in Fruit Belt—2500 peach trees, five acres in strawberries; on rural route, three miles from railway station; good school and church near; an ideal country home in the healthful Ozarks. Price reasonable, J. R. Crigler, Alma, Ark.

Two Improved Farms—One has 40 acre sandy loam, 28 in cultivation, rest in pasture, all under wire fence; 4-room bungalow with sleeping porch, newly painted; one good large barn, two wells, young orchard, new improvements, near school. The other farm has 240 acres, 85 in cultivation, rest in woodland and creek bottom, some fine land; two houses, one six rooms, the other four rooms; two barns; water plentiful. For terms and further information write, C. S. Patterson, Box 105, Sparkman, Ark.

Forty-Seven Acres of Red Land—45 cleared and fenced; two miles from Prescott, on pike road, near church and school; 15 acres in pasture, five acres in meadow; 6-room house, painted and papered; large barn and plenty of water. Price, \$3750, terms if desired. B. N. Coleman, Route 1, Prescott, Ark.

Two Hundred Acre Farm in the Ozarks—Good house, barn and other buildings, all fenced; on King's river and the M. & N. A. Ry.; 60 acres in alfalfa, clover and orchard grass, 40 acres in cultivation, balance good timber pasture; near school and church. Price \$22.50 per acre, half cash, balance terms. J. E. Atwood, Route 1, Berryville, Ark.

Stock and Fruit Farm—280 acres, 240 acres fenced and cross fenced with hog wire fence, 125 acres in cultivation, 50 acres in clover and timothy meadow, five acres in orchard, well timbered; 6-room frame house, smoke house, cellar, large barn, good water, several springs on farm. Would exchange for dairy or poultry farm or young mules; 20 miles south of Fayetteville. For further information write J. S. Martin, Box 47, Brentwood, Ark.

Benton County Farm—144 1-2 acres, on Spavinaw creek, 75 acres in cul-

tivation 65 of which is bottom land, 95 acres can be cleared, 40 acres in timber, 20 acres in pasture, family orchard; 7-room house, large barn, garage and other outbuildings; telephone service, healthful climate, excellent water, good roads. Price \$50 an acre. T. C. Albright, Route 3, Box 115, Gravette, Ark.

Two Farms For Sale or Exchange—200 acres, 18 in cultivation, 100 acres tillable; house, barn, well; good land. Price \$1,800. Also 78-acre farm, 35 acres in cultivation, two houses and barns, several springs. Price \$1,000. Would exchange for good farm in northwest part of state. M. M. McCall, Bradford, Ark.

Van Buren County Bargain—40 acres creek bottom land, all tillable, adapted to raising corn and cotton. Price \$600. Would accept Ford car as first payment. B. H. Sanders, Zack, Ark.

Well Improved 40-Acre Farm—Fruit, poultry and dairy farm, three miles west of Gravette; good house, almost new, finished inside nicely, good water milk house, stock tank, cement cave 18 feet long, other outbuildings; pasture, lots and garden fenced hog tight; apple orchard, all kinds of fruit and berries; hard surface road, on rural route. Price \$6,000. R. A. Enfield, Route 4, Gravette, Ark.

\$5,000 Buys A Fruit Farm—20 acres, 12 acres in bearing apple trees, one acre in strawberries, one-fourth acre in raspberries, peaches, grapes, gooseberries, cherries, three acres in blue grass pasture, young nursery of apples and grapes; large evaporator; 6-room house, five good outbuildings, splendid well water, on two public roads, near town; will include car, horse, wagon, farming tools, cream separator, spray rig, some chickens and canned fruit if sold immediately. S. Byrd, Route 2, Rogers, Ark.

Two Faulkner County Farms—One has 58 acres with 40 in cultivation, balance in timber and pasture; running water; 3-room house, barn, two wells, storm cellar, orchard; on rural route and near school. The other farm has 70 acres, 55 in cultivation and 15 in pasture and timber; 3-room house and outbuildings; also 2-room house and outbuildings; two wells, family orchard, strawberries; near school and postoffice. Price \$1,800 for both farms; clear title. T. A. Homewood, Martinville, Ark.

Eighty Acres in Searcy County—12 acres under fence, part woven wire; 60 acres red oak timber; good fruit and dairy land; 2-room house, outbuildings; near school, railroad town and Big Hurricane zinc mine; 75 bearing fruit trees, free range; can give immediate possession. Price, \$700, terms if desired. I. A. Gary, Pindall, Ark.

Farm For Rent—A good farm of 120 acres near Malvern, Ark.; will furnish stock to right man and lease for five years. W. E. Oldham, Mist, Ark.

Farm Bargain in North Arkansas—160 acres, fertile soil, 20 acres cleared; will grow clover, timothy, corn, wheat, oats, alfalfa, all kinds of vegetables; red oak, white oak and hickory timber; three-room house, barn, orchard, free range, good for stock raising; near school and church; healthful location, three miles from town. Price, \$900. S. W. Reece, Big-flat, Ark.

Lawrence County Farm—63 acres, 40 cleared, balance in timber; 5-room house, barn, new store house, on public road and mail route, school and church near, excellent neighborhood; free range. Price \$900, terms. J. G. Wells, Box 54, Black Rock, Ark.

Tract In The Ozark Foothills—16 acres, ideal location for poultry and dairy farm; half of land is hilly other half in bottom; made \$200 worth of cotton on place this year, aside from poultry profits; small house and outbuildings; good roads, five miles from station. Price \$1,500, cash. W. F. Nance, Ravenden, Ark.

For Sale or Exchange—160 acres in Searcy county, 25 acres in cultivation,

75 acres rich creek bottom land, free range, excellent place for raising hogs and cattle; 18 miles to railroad, five miles to Witts Springs, near school, store and postoffice. Price \$10 an acre or will exchange for land in northwest part of state. W. E. Cravens, Route 1, Atkins, Ark.

150 Acres in Clark County—Good land, for rent or share work; land adapted to raising corn, cotton and other crops grown in the South; good houses, near school and church. If interested write B. J. Kimbrough, Hollywood, Ark.

Tract of Smooth Black Land—All land tillable, two miles from Siloam Springs; good 4-room house, fair barn, fine well water, fenced and cross tenced; 7-acre apple orchard, blackberries. Price, \$6,000, easy terms. Myrick Morgan, Route 3, Box 54, Siloam Springs, Ark.

Farm Near Maynard—260 acres, 175 in cultivation, remainder timber land; good 6-room house, two barns, water from spring, well and cistern; upland and comparatively level, no rocks; good schools and churches near. Price \$4,500 cash or terms, or will trade for good stock of merchandise. Immediate possession. John B. Curley, Peach Orchard, Ark.

Eighty Acres on Jefferson Highway—One-half mile from Green Forest, 50 acres in cultivation, eight acres in apple orchard, good house, small outbuildings, water from well and spring; closing out estate. Price \$65 an acre. John H. Collier, Route 5, Box 58, Green Forest, Ark.

Half Section Black Sandy Loam Land—125 acres in cultivation, balance timbered, but easily cleared; plenty of tenant houses and barn on place; on public road; adapted to raising corn and cotton, on Bayou Bartholomew; no road or drainage taxes; reason for selling, too much other business interests and cannot look after it. Ten miles from Gould. If interested write at once. Terms, one-third cash, balance to suit purchaser. Collins and Son, Gould, Ark.

Arkansas County Tract—80 acres of first bottom land, in Farrell Lake Drainage District, two miles from Gillett. Price \$3,000; terms, one-third cash, balance two and one-half years at 6 per cent. M. H. Judd, Benson, La.

Apple Orchard—20 acres, the best thing in the Ozarks, at the edge of town. Robt. E. Moore, Box 217, Green Forest, Ark.

Eighty Acres in Northwest Arkansas—40 acres in cultivation, free range, one-fourth mile to school, on public road and mail route; 3-room house, three barns and other outbuildings; seven head of cattle, 21 sheep, five goats, some hogs, corn and hay; will sell all or part of property. J. N. Webb, Rudd, Ark.

A Well Improved Farm—100 acres, 90 in cultivation; nice 7-room bungalow and new 4-room tenant house; young orchard, outbuildings, pastures, etc.; 25 acres in lespedeza; one mile to railroad town and high school, on rural route. My equity in this farm at a sacrifice. G. H. Blount, Palestine, Ark.

Fruit Farm For Sale or Exchange—39 acres, 12 in orchard, two in berries, three in alfalfa; new 4-room house, three screened porches, well at door, cave for fruit, one tenant house; two barns, running water in pasture; peaches, cherries and grapes; lot of young walnut trees; two miles from railroad town, near school and church. Will sell or exchange for hotel or rooming house, preferably in Fayetteville or in Benton county; farming tools and stock included if desired. E. H. Manire, Route 3, Garfield, Ark.

Farm Bargain in Dallas County—80 acres, 35 or 40 in cultivation, 50 in good bottom land; springs in pasture, well in yard, small orchard; two-room house with kitchen few yards away; good barn and cow sheds; about 50,000 feet saw timber, near saw mills, gin, church and school, five miles from Fordyce. S. B. Dye, Route 2, Fordyce, Ark.

Gently Rolling Fruit Farm—80 acres fenced, 40 acres in cultivation, 6½

acres in strawberries, 15 acres in timothy and clover, 100 apple trees; two sets of improvements, new buildings, good water; on highway and rural route; five good towns from four and one-half to six miles; will sell or trade for land. Price \$6,000. C. F. Nowlin, Route 3, Gravette, Ark.

Thirty Acre Poultry Farm—One mile from Piggott, 20 acres branch bottom, all good land, under woven wire fence; 6-room house with basement, practically new, 108 feet of porch, concrete walk; 138-foot well with 90 feet of water, large brick and concrete cistern; barn with stalls for 12 cows, good chicken house with four compartments, corn crib, smoke house and cream house; considerable fruit and berries; near school and church; excellent location for dairy farm, all in tame grass except four acres; 300 White Leghorn hens, incubators; 300 gallons of canned fruit, goes with the place. Price \$4,000, cash \$2,000 with balance on terms. If health reason for selling. P. J. Nye, Piggott, Ark.

Scott County Tract—155 acres under wire fence, 60 acres in cultivation, well improved, in the heart of the fruit and berry section, on Rock Island railroad; will include stock and farm tools if sold soon. Old age and inability to work reason for selling. For particulars write W. I. Goff, Abbott, Ark.

Two Clay County Farms—59 acres ridge and valley farm under fence, well improved; good buildings; will exchange for level farm of from 40 to 80 acres and pay the difference on right proposition. Also have 80 acres ridge land, small improvements. Will trade for level land and pay the difference. W. T. Jones, Route 3, Rector, Ark.

Improved Farm Near Waldron—20 acres situated on Square Rock Creek and main road; good land, all in cultivation and under woven wire fence; two-room house, barn, chicken house, vineyard; one good work team, wagon, harness, yearling mule and mule colt, two milk cows, 100 pure bred white Wyandotte hens; farm implements of various kinds; excellent location for poultry or truck farm. Price \$2,000. Geo. W. Taylor, Waldron, Ark.

North Arkansas Farm—130 acres, 75 in cultivation; six-room house, good barn, three-room tenant house and barn; pine timber, will cut five or six hundred thousand feet of lumber; near school, church and postoffice, five miles to county seat, on proposed Batesville and Mammoth Spring highway. M. H. Hays, Newburg, Ark.

WAGES OF FARM LABOR ABOUT SAME AS LAST YEAR

Reports show an average of \$21.35 paid to hands when hired by the month and furnished with board. Without board the average price was \$31.60. These figures are 30c and 40c, respectively, below the figures of a year ago.

For day labor wages during harvest, figures are \$1.46 with board and \$1.84 without board. Board, therefore, on the average Arkansas farm is valued for hands at 40c per day or \$10 per month. These figures are almost identical with those of a year ago.

The average day wage paid for day labor for other than harvest work is \$1.13 with board and \$1.49 without board. The same figures held in 1921. As noted in former reports, wages are highest in the northwest and northeast counties, and lowest in southern and southeast counties.

Governor McRae has called a meeting of all members of the Arkansas Legislature who are farmers by occupation, to be held on Friday and Saturday, January 5-6, for the purpose of discussing legislation of interest to agriculture such as will likely come up for consideration at the approaching session of the Arkansas Legislature. The meeting was called by the Governor at the suggestion of Hon. M. M. Rutherford, member of the Legislature from Independence county, and one of the best known farmers in the state.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Registered Jersey Cattle from best Tennessee breeding in the heart of the dairy country. All tuberculin tested, registered and transferred. Single animals or a carload. Special offerings in young bulls ready for service, bull calves, heifer calves and calf herds. Time payments for county agents and calf clubs can be arranged. John F. Tucker, Smyrna, Tenn.

Purebred Holstein bull calf. F. J. S. Miely, Route No. 5, Gentry, Ark.

Two registered Jersey bulls—No. 1, Rose Fern's Oxford Lad No. 146411, five years old; Bowmont Farms breeding. No. 2 Oxford Fern of Crystal Mt., No. 203547, one year old; sire above dam Crystal Mt., Cowslip. Price \$40.00 each. Joseph Sill, Paron, Arkansas.

State Agricultural School, Jonesboro, has a good Hereford bull to sell or exchange for grade cattle.

John Graham, Wynne, has a five year old registered, roan Shorthorn bull for sale.

E. C. Ballamy, Mammoth Spring, has several good registered Red Poll bulls of service age for sale.

T. R. Romunder, Des Arc, has six good grade Holstein cows and heifers for sale. Records have been kept on these cows and the production figures can be had.

Purebred, red Shorthorn bull calf, one year old; can be registered. Is of the milking strain and a good individual. A bargain if sold at once. Have some good grades of the same breed. Spring Valley Farm, Claud Mock, Prop., Ingram, Ark.

Purebred Holstein bull calf. F. S. Miely, R. 5, Gentry, Ark.

Hogs for Sale

Two big type Duroc Jersey herd boars; a Pathfinder and a Colonel bred boar, \$50. Oscar Meecker, McBride, Mo.

Four pedigreed Poland China pigs; one male, three sows, \$10 each. J. R. McSwain, Arkadelphia, Ark.

Registered Duroc Jersey gilts and boars, \$12.50 and \$15; pigs three months old, \$10. L. W. Owens, R. 2, Bingen, Ark.

Twenty-five head Big Type Pedigreed Poland China pigs, \$10 each. W. M. Graham, King Mills, Ark.

Hampshire hogs, E. P. Owens, Bingen, Ark.

W. F. Scarborough, County Agent Waldron, wants to buy pigs for club boys.

C. G. Neal, Wynne, has Duroc-Jersey pigs of all ages for sale.

Charlie Doss, Route 1, Cherry Valley, has Duroc-Jersey pigs for sale; three months old priced at \$12 each, pedigree furnished.

College of Agriculture, Fayetteville, has three Duroc boar pigs for sale. These pigs won 1st and 2nd at the Washington County Fair in their class and 1st in the Futurity class. Now priced \$30 for one and \$25 for the other two; or the three for \$25 each.

L. T. Rogers, Earle, has four Duroc-Jersey boars of service age, Defender breeding, for sale at \$20 each, and 12 gilts ready to breed at \$20 each and bred sows for \$40 each.

C. A. McCurry, Mountain View, has Poland China pigs of either sex for sale.

Ralph Bostick, Wynne, has Poland China pigs for sale.

R. G. Wilkins, Wynne, has a registered yearling Poland China boar for sale at \$35.

C. A. Maule, Parkin, has an aged Poland China boar weighing about 600 pounds for sale at \$50.

Chas. E. Treece, Paragould, will sell a half interest in his herd of Poland China hogs. This is one of the leading herds of the State and has won

many premiums at the Arkansas State Fair in the last two years. An opportunity is offered for someone to invest in a good profitable herd of hogs. Twenty-three pigs from this herd are for sale at \$15 each. A number of good herd boar prospects now ready for service are for sale.

Feeder Pigs—Vernon W. Faas, North English, Iowa, wants a carload of good thrifty feeder pigs. E. P. Dargan, County Agent, Hazen, is in touch with 1,000 to 1,500 feeder pigs which will be available during the winter months. J. W. Young, Crawfordville, has a number of Hampshire pigs for sale as feeders. L. T. Rogers, Earle, has feeder pigs for sale. E. B. Whitaker, Marianna, is in touch with a good car of feeder pigs which are for sale. Sanford Smith, Monticello, has a car of feeder pigs for sale.

Two Duroc-Jersey herd boars; one an intensely O. C. K., out of the World's Champion Great Orion; the other a Pathfinder, a grandson of old Pathfinder. Both young and in the prime of life, and excellent breeders. Will sell them cheap. Also have some young boar prospects. Spring Valley Farm, Claud Mock, Prop., Ingram, Ark.

Goats for Sale

Extra fine grade Toggenburg milk goats—young bred nannies from four and five quart stock; \$30 up. E. M. Swindler, Batesville, Arkansas.

Poultry for Sale

Standard-bred White Wyandotte hens, \$1.50 each; baby chicks in season \$15 per hundred. Miss Ruby Gray, Decatur, Ark.

Buff Leghorn chickens; 12 young hens, 1 rooster; \$12 for all, f. o. b., Walter A. Davis, Route 3, Gentry, Ark.

Three or four dozen nice single comb Brown Leghorn hens and three cockerels for equal number of nice Barred Rocks. Mrs. G. H. Blount, Box 116, Palestine, Ark.

Minorca roosters for sale at \$1 each; eggs in season. W. G. C. Coleman, Hiwassee, Ark.

Single Comb Barred Rocks; pullets eight months old. Will sell ten for \$8. Gail S. Brewer, Rogers, Ark.

Ferris Strain S. C. White Leghorn cockerels, April hatch; \$2.50 each. Orders booked now for S. C. White Leghorn and S. C. Rhode Island Red eggs to be delivered in the spring. M. M. Fry, Route 1, Springdale, Ark.

Two Silver Laced Wyandotte cockerels, June hatch; from Miller Poultry Farm; \$2.50 each; choice of the flock. J. E. McManus, Thornton, Ark.

Two cockerels best Geo. B. Ferris blood, May hatch, ready for service now; \$2.50 each. W. F. Nance, Ravenden, Ark.

Two Narragansett turkey toms, hatched in April; big fellows, pure bred; these turkeys lay in nests with hens; do not have to follow them to find their nests. \$8 each or \$15 for the two. W. F. Nance, Ravenden, Ark.

White Wyandotte cockerels, Regal Dorcas strain; egg records up to 262; weight seven to eight pounds; \$3 each. Mrs. W. H. Graves, Fairfax, Mo.

Will exchange registered Poland China sow for Barred Rocks or White Wyandottes. J. R. McSwain, Arkadelphia, Ark.

Rhode Island Whites from pen in egg laying contest at Washington. Record 202 to 269 eggs. Eight pullets, seven months old, beginning to lay; four pullets, one cockerel, 4 1-2 months old; \$1.50 each if taken soon. E. M. Swindler, Batesville, Ark.

Large, well-colored, good shaped S. C. Black Minorca Cockerel, price \$4. A few S. C. Black Minorca pullets. Price on application. Mrs. T. T. Batchelor, Dumas, Ark.

S. C. W. Leghorns from heavy lay-

ing stock. One 1921 hatched rooster; a good bird in every way; price \$3. Mrs. T. E. Batchelor, Dumas, Ark.

S. C. Brown Leghorn cockerels, \$1.50 each or five for \$6. Leg band and certificate with each bird. T. C. Harris, R. 2., Greenwood, Ark.

S. C. Rhode Island Reds—three March cockerels, \$2 each or the three for \$5; two May-June cockerels, \$1.25 each or the two for \$2; 12 May-June pullets, \$1.50 each or the dozen for \$16. Six September pullets, \$1 each or all for \$5. E. M. Billingsley, Gravelly, Ark.

Poultry Wanted

Wanted to Buy—Six 1922 thoroughbred black Minorca hens and one cockerel from different pens. Mrs. Ella Lee Wooley, Fry's Mill, Ark.

Seeds and Plants for Sale

Wanted—Pure vineless pumpkin yam sweet potato seed. State price. E. J. Fricks, Armand, Ark.

For Sale—350 pounds Huleum Clover seed. M. S. Tuggle, Booneville, Ark.

For Sale—New crop Orange and Amber Sorghum Seed. Request samples and quotations, Wm. G. Scarlett & Co., Baltimore, Md.

For Sale—Progressive and Aroma strawberry plants; Early Harvest blackberry and Cumberland raspberry plants. Government inspected, Roy Whitney, Garfield, Ark.

For Sale—Choice new crop lespedeza seed; write for quotations. Lespedeza Seed Growers Cooperative Assn., Inc., Baton Rouge, La.

Wanted—Cow peas, soy beans and other field seeds. Kellogg-Huff Com. Co., St. Louis, Mo.

Wanted—Four hundred pounds choice cleaned, pan-caught Lespedeza seed free from noxious seed. T. E. Hickmon, Pleasant Plains, Ark.

Genuine White Spanish peanuts, as they come from the picker, 5c a pound; hand picked and cleaned, 5 1-2c a pound. F. P. Owens, Bingen, Ark.

Whippoorwill peas, \$3 a bushel, F. P. Owens, Bingen, Ark.

Mebane Triumph cotton seed, \$1.50 a bushel. F. P. Owens, Bingen, Ark.

Mung Beans—85c a pound, 10 lbs. or more 75c a pound, postage paid. No. C. O. D. orders. Best Bros., Halley, Ark.

Everbearing strawberry plants, Riley Kitchens, R. 1, Box 42, Lewisville, Ark.

Cotton Seed—Express 350 variety, R. L. Dortch, Scott; Burdette Express, Burdette Trice and Burdette Acala, Burdette Plantation, Burdette; Express from Lightning, Conoway Scott, Scott; Wannamaker-Cleveland, Lee Wilson Co., Wilson; Express from Lightning and Webber from Deltatype, Osborne Planting Co., Marianna; Webber from Deltatype and Webber 49 from Strain 4, J. R. Alexander, Scott; Webber from Deltatype, T. L. Daniels, R. 2, Little Rock; Express from Lightning, Parker C. Ewan, Clarendon; Webber from Deltatype and Express from Lightning, Harry Keatts, R. 2, Little Rock; Webber 49 from Strain 4, Webber from Deltatype and Cleveland from Coker, J. J. Hughes, Jr., Haynes Acala, Rogers Williams, Fitzhugh, Ark.

Seed Corn—Neal's Paymaster and Mosby Prolific, Earl Kilpatrick, Marianna; U. S. Selection 201, Burdette Plantation, Burdette; Surcropper, N. P. O'Neals, Hope; Montague's White Dent, C. C. Montague, Gregory; Thibault Mexican June, J. R. Alexander, Scott; and J. K. Thibault, R. 2, Little Rock; Boone County White, A. C. Willett, Gravelly; Neal's Paymaster, Ellis Duncan, Fayetteville; Pugh-Mosby, G. W. Pugh, Pugh; Mosby, S. O. Savage Parkdale; Neal's Paymaster, J. J. Hughes, Jr., Haynes, Ark.

For Sale—Miscellaneous

First class tree hounds for sale; write Murrell Johnson, Sonora, Ark.

For sale or exchange 25 H. P. engine for 11x16 steam engine and 54x16 boiler. Jno. Casslan, Route 3, Booneville, Ark.

One "Old Trusty" incubator and

brooder; 120 egg size; bought last spring; good as new at a bargain for cash; or exchange for anything useful on farm. C. M. Howard, Greenbrier, Ark.

Dried Apples, choice rings for table use; 50 lbs., \$5.50; 100 lbs., \$10 f. o. b. J. A. Smith, Farmington, Ark.

Quilt tops quilted; \$1.00 for each spool of thread. Send material parcel post to Mrs. Nora Lincoln, Huddleston, Ark.

Twelve pounds new crop evaporated apples; \$2 delivered. J. F. Cook, Fayetteville, Ark.

One squirrel and o'possum dog, four years old, \$15; four Angora Nannies, \$12.50; or trade for goods ewes. Trio, black three-fourth Angora; one billy and two nannies, \$10. M. M. McCall, Bradford, Ark.

One tractor attachment for Ford; fits any model Ford, has power of Fordson Tractor. F. W. Byers, Route 4, Green Forest, Ark.

German Police Pups for sale. F. J. Miely, Route 5, Gentry, Ark.

Three year old coon tree hound. Oscar Mecker, McBride, Mo.

Twelve gauge, double-barreled gun and female Airdale dog, will trade for Poland China or Duroc gilts or tried sows. I. E. Jackson, R. 1 Box 42, Casa, Ark.

Wanted—Miscellaneous

Star Root and Star Grass Root, prime dry quality. We are paying highest prices for all kinds of roots, herbs, barks. Send for price list. Southwestern Crude Drug Co., Inc., Bristol, Va.

Quantity of good grade of charcoal, L. E. Kimberlin, President Builders Supply Co., Box 575, Tulsa, Okla.

Shetland Pony. James Wortham, Le-tona, Ark.

Home Steam Pressure Canner; 25 S. C. White Leghorn hens; five head of sheep; six pigs, three Polands and three Durocs. H. B. Chism, Lonsdale, Ark.

Prices of Products Sold by Farmers in December

Hogs (live weight), 100 lbs.....	\$ 6.60
Beef cattle (live wt.), 100 lbs.....	3.35
Veal calves (live wt.), 100 lbs.....	5.30
Sheep (live wt.), 100 lbs.....	5.00
Lambs (live wt.), 100 lbs.....	6.45
Milk cows, per head.....	30.00
Horses, per head.....	59.00
Milk (whole) wholesale, gal.....	.38
Milk (whole) retail, gal.....	.45
Wool (unwashed) per lb.....	.27
Wool (washed) per lb.....	.36
Apples, bu. of 48 lbs.....	1.70
Apples, per barrel.....	4.50
Pears, per bu. of 48 lbs.....	2.00
Walnuts (black) bu. of 50 lbs.....	1.00
Hickory nuts, bu. of 50 lbs.....	1.15
Peanuts, per lb.....	.06
Pecans, per lb.....	.20
Beans (dry), bu. of 60 lbs.....	4.60
Beans (soy) per bu.....	3.00
Sweet potatoes, bu. of 55 lbs.....	.92
Turnips, bu. of 55 lbs.....	.90
Cabbages, per 100 lbs.....	3.00
Onions, bu. of 57 lbs.....	1.55
Timothy hay (loose), per ton of 2,000 lbs.....	18.60
Clover hay (loose), per ton of 2,000 lbs.....	19.50
Alfalfa hay (loose), per ton of 2,000 lbs.....	20.35
Prairie hay (loose), per ton of 2,000 lbs.....	12.50
Pop corn, per bu. of 100 lbs., ear.....	4.30
Cotton seed, ton of 2,000 lbs.....	40.00
Eggs, per dozen.....	.40
Chickens (live wt.), per lb.....	.14½
Turkeys (live wt.), per lb.....	.29
Cowpeas, per bu.....	1.95
Cream, per lb. of butter fat.....	.44½

Following are prices of products bought by farmers in December:

Clover seed (red), bu. of 60 lbs.....	\$18.15
Timothy seed, bu. of 45 lbs.....	6.40
Alfalfa seed, bu. of 60 lbs.....	15.10
Bran, per ton.....	31.30
Cottonseed meal, per ton.....	49.00
Cottonseed hulls, per ton.....	15.20

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 2

LITTLE ROCK, ARKANSAS

February, 1923

Movement of Homeseekers Toward Arkansas This Spring Will Be Heaviest in Years, Inquiries Indicate

FROM every part of the United States inquiries are coming from persons who are desirous of making their homes in Arkansas—mostly farmers who have heard about the substantial advantages our state offers and who are impressed with the low price at which our desirable farm lands can be bought. The number of inquiries is so unusually large that we are making of them a special feature in this issue so that readers of The Bulletin may get in touch with these strangers and help them to find the kind of homes they want. Springtime is approaching, and hundreds of these people will be located within the next sixty days. A summary of some of the many letters received in the last few days follows:

"I am coming to Arkansas in the spring and would like all the information possible on minerals in your state, as I am especially interested."—Z. C. Poling, Menlo, Ia.

J. W. Johnston, Hardin, Mont., is interested in learning more about the northwestern part of Arkansas.

Samuel N. Sheppard, of Sweetgrass, Mont., is anxious to learn all he can about Arkansas, and would like to exchange western land for Arkansas land.

A. A. Cameron, of Big Creek, Cal., desires information about Arkansas and homestead lands.

"I am going to move to your state in the near future and would like information in regard to the crops and fruit of the following counties: Cleburne, Stone, Independence, Searcy, Baxter, and Izard. What time of the year would be best to come? When are the berries ripe? Is the poultry business very profitable in these counties?"—A. L. Barnett, Sr., 601 Melba St., Dallas, Texas.

W. E. Morgan, 602 Smithland, La-Junta, Colo., is interested in homes in Arkansas. He asks for information concerning same.

James Gray, Ogallala, Neb., is interested in Arkansas land near a railroad town. He wants to know about the taxation and rent and conditions for general farming.

A. J. Kane, Route 7, Kalamazoo, Mich., desires information in regard to the agricultural possibilities of Arkansas.

Charles M. Lee, 1509 South Ferl Ave., Mason City, Ia., wants to buy a 260-acre farm on good road.

S. H. Woodruff, Route 1, Floxle, Ark., would like to hear from someone who has a small farm for sale in Pulaski or White counties.

H. R. Clark, Thayer, Mo., wants to

People Are Coming From North, East and West Attracted By Low Prices of Agricultural Land



Little farms like these, with healthful surroundings and pleasing landscape, appeal to the homeseeker.

locate in Arkansas and desires information in regard to the possibility of purchasing a good grocery store, hotel, rooming house, or auto business; also farms, homestead or tax lands.

Will exchange for vacant land, house, farm or business in Arkansas, two fine building lots in Baltimore, Md. I also want a farm in Arkansas near railroad town and river, equipped with tools, crop, stock and household

goods. H. R. Clark, Thayer, Mo.

William Jackson, 314 South Columbia Street, South Bend, Ind., desires to learn of advantages to be obtained in farming or fruit raising in Arkansas.

"I want a 300-acre farm, mostly cleared, adapted to stock raising and general farming; with good improvements, near schools. Is Independence county a place of this kind? Are the taxes excessive in Arkansas? What



County Farm Agent helping the homebuilder to get established in Arkansas.

is the legal rate of interest? How many years time do farms usually sell for?"—J. P. Williams, Route 1, Floyd, Va.

"Please send me information on the oil and general resources of Arkansas."—John M. Sweeney, 218 West Calvin St., Syracuse, N. Y.

"I would like to have information in particular concerning lands subject to homestead. Also railroad lands, offered by the Iron Mountain Railroad. Also farm lands, improved and unimproved."—C. A. Cummins, 737 New Avenue, Springfield, Mo.

"Kindly send me literature on homestead land in Arkansas, giving description, character of soil, topography, distance from railroad, schools, etc."—A. Hill McCleary, Mesita, Costilla Co., Colo.

Edwin Adams, 415 S. Elwood, Tulsa, Okla., requests information on Arkansas, as he is planning to locate here during, 1923.

John G. Deason, Box 356, West Tulsa, Okla.,

wants to exchange a lot 50 feet by 150 feet, with good five-room bungalow, for land in Arkansas. Franklin or Fulton counties preferred, but other parts will be considered.

H. S. Snow, Alta Vista Drive, Riverside, Cal., a prospective homeseeker, desires information on Arkansas.

Levi Holt, Route 2, Box 103 Bellefontaine, Ohio, requests information concerning various parts of Arkansas. He is especially interested in Hope, Ark., its population, health conditions, condition of land and the price of property. He is also interested in trading second hand goods and stock.

L. F. Connor, 2404 Southern Ave., Shreveport, La., is thinking of locating in Arkansas and is especially interested in the northwestern part.

Experienced cotton grower wants share crop or would manage farm for wages; understands western methods; is single man. Alonzo Wise, Hope, Ark.

"I would like to hear from some one having land for sale in Jackson or Independence counties, along White river."—H. M. Atwood, Rison, Ark.

C. B. Sproul, Route 1, Wauhatchie, Fla., desires information concerning the Ozark country, as he is planning to locate there.

Will exchange good irrigated farm for Arkansas timber land; must be good land and reasonably priced.—T. Banks, Hagerman, New Mex.

Please send information concerning agricultural conditions in Arkansas.—L. R. Cook, Sylvia, Kan.

L. E. Colclasure, Box 93, Flora, Ill., requests information concerning Arkansas.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Editor
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMS FOR SALE

Truck Farmers Made Money—If you want to get into profitable line of farming, take up truck farming where there is an established market for your products and a ready market for cash. Truck farmers who have been selling on the Helena curb market this year made more money than cotton farmers on same acreage and investment. Get a small acreage near Helena, sell on market every day; have cash in your pocket every time you make a sale. Small tracts may be rented near the city to men who want to engage in trucking. Address D. T. Cutting, Helena, Ark.

Montgomery County Farm—200-acre farm nine miles north of Womble; on new railroad; 75 acres in cultivation; two good houses and outbuildings. Price \$50 per acre. For further information write Chas. A. Gaston, Gaston, Ark.

Dairy Farm in Boone County—120 acres, 90 acres in pasture, meadow and cultivation; fine for general farming and fruit; new cobblestone house and outbuildings; daily mail and telephone line; on good road. For further information write G. C. Dillen, Route 4, Box 85, Harrison, Ark.

Carroll County Fruit Farm—Grain Stock Farm—Near Blue Eye, Mo.; 160 acres, 40 acres in cultivation; small new improvements; road runs through land; title good. Price \$18 per acre, terms on part. Rosalie Kern, 70 Lema St., Eureka Springs, Ark.

Improved Farm—120 acres, fenced with woven wire; 7-room house with rock foundation; good outbuildings; 200 apple trees and other fruits; 75 walnut trees; 20 acres in red top, clover, orchard grass and timothy; 30 acres in woodland; two miles to railroad town on hard surfaced road; 70 to 90 acres in cultivation; \$4,000, cash or easy terms. W. Lloyd Bell, Harrison, Ark.

Good Poultry Farm—Forty-nine acres; 20 acres cleared, balance in woods and pasture; eight acres in cultivation; four-room house and good outbuildings; quarter mile to school and church; mail route and telephone; two and half miles to railroad town. Price \$1,500 if taken at once. Old age reason for selling. M. J. Johnson, Route 2, Everton, Ark.

Unimproved Land—Forty acres, one and a half miles of Brewer, Cleburne county; three miles to M. & N. A. R. R., one mile to good school; plenty of pine and oak timber. Will sell for \$200, subject to \$85 mortgage. Write for particulars. Also 60 acres of land in Independence county, five miles from Cushman. T. F. Johnson, Brewer, Ark.

Stock Farm in McPhaill Valley—Two hundred acres in Benton county, for general farming purposes; 180 acres in cultivation, in wheat, corn and clover; is fenced and cross-fenced; twenty acres in woodland pasture with large spring; good six-room house with cellar; other outbuildings; hard surface road to village, one mile distant. Price \$100 per acre, with terms. For further information write M. Mason Hunt, Box 250, Gravette, Ark.

Eighty Acre Farm in Dallas County—Fifty acres good bottom land, about 40 in cultivation; about 50,000 feet in pine, oak and hickory; one and quarter miles from church and school, one-quarter mile from saw mill and gin. For further information write S. B. Dye, Fordyce, Ark.

Upland Fruit Farm for Sale or Exchange—Eighty acres; four acres in good Klondike strawberries, 300 bearing fruit trees; two good sets of farm buildings; five miles from two good railroad towns; quarter mile to good school and church; all land but four acres can be cultivated. I also have a good span of mules and other farm accessories. Will sell for cash or trade for a stock of general merchandise, or will make terms on part; \$4,000. H. F. Sanders, Route 5, Alma, Ark.

Forty Acre Farm—Well improved; all in cultivation, fenced and cross-fenced; on public highway, one and a half miles to railroad station; modern house and outbuildings; seven acres in strawberries some other fruit. Price \$350. Ellis E. Sands, Route 2, Beebe, Ark.

Eighty Acre Farm—Twelve acres in cultivation, everlasting well of soft water, new three-room house, one and quarter miles from town, one-half mile to school; good fertile land, no overflow. Price \$1,600. Ellis E. Sands, Route 2, Beebe, Ark.

Fruit and Berry Farm in Benton County—Eighty acres, 50 acres in cultivation; 30 acres in timber and pasture, all fenced with wire; five miles from railroad, mile and a half from school. Price \$30 per acre, or will exchange for rooming house or garage in good town. For further information write E. C. Underwood, Route 2, Garfield, Ark.

Bargains in Newton County—Eighty acres heavily timbered; log cabin, two good springs; price \$300; terms. Also 1,000 acres timbered land, most of which is cultivated. Sixty acres timbered land, part of which could be cultivated. Would trade for car. Hobart Criner, Mt. Judea, Ark.

Benton County Fruit Farm—190½ acres, near Gravette; one-half mile to high school; two sets of improvements, one new; 460 bearing apple trees, four acres in strawberries; land is free from incumbrance. Will sell part or all of land. Would consider trade for good stock and grain farm in the northern part of the state. Ulysses G. Willis, Route 3, Gravette, Ark.

Forty Acre Bottom Farm—Ten acres in cultivation; new improvements; some timber; four miles from railroad, near school and church, on rural route. Will sell cheap. Write T. D. Penn, Potter, Ark.

Ninety Acre Creek Farm—In Garland county; 45 acres in cultivation; half bottom land, on main road and mail route; fine water and orchard. Price \$2,000. Also one 80-acre and one 320-acre tract for sale on easy terms. D. O. Friend, Route 2, Bonnerdale, Ark.

One Hundred Seven Acre Farm—Sixty-five acres in cultivation; all but 20 acres under fence, four acres Bermuda grass pasture; all good, level, red clay land; two farm houses, good outbuildings, good well and spring, three good mules, two milk cows, plow tools, mowing machine; on good road, ten miles from town; good school near; half mile from Lodi P. O. All for \$4,000. J. T. Whisenhunt, Lodi, Ark.

For Sale or Exchange—One hundred and fifty acres, rich alluvial soil protected from overflow; all level cane ridge land; well drained, no rocks or gravel; fifty acres in cultivation, 80 under field fence; fine lake bounds it on the north; three and a half miles from Weldon, Ark.; 100,000 feet good cypress timber, 50,000 feet of ash, hickory and elm, some tie timber. Price \$50 per acre, on terms if desired. Will exchange for smaller place, clear of rocks or gravel near high school. Frank Claycomb, Weldon, Ark.

Healthy Mountain Farm—170 acres, 100 acres tillable, 40 acres cultivated, 10 acres pasture, 110 acres timber; 60 fruit trees, soil adapted to corn, hay, etc.; two good springs, three-room house and outbuildings; two miles to church and school, 10 miles to highway; free outside range. Price \$1,500. J. O. Hylton, Newton County, Walnut, Ark.

For Sale or Lease—Five hundred and sixty-five acres; three miles from Zack; 82 acres cleared, some meadow, all land good for general farming, well watered with spring. Will lease for a term of three years if desired. Write for particulars. B. H. Sanders, Zack, Ark.

Sandy Loam Farm—One hundred acre farm; 75 acres in cultivation, balance on pasture; good four-room bungalow, painted, ceiled, and papered, with carbide light plant installed; good outbuildings, fine brick walled well, springs and good family orchard near school and churches; this land will grow most anything. Price \$3,500. A. C. Moody, Route 1, Box 46, Cale, Ark.

Ninety Acre Farm—Forty acres in cultivation, forty in timber worth about \$2,000; all but eight acres under fence; nine miles west of Forrest City, four miles north of Palestine, near saw mill; good outbuildings, five-room house, on good road. Will sell reasonable. Mrs. N. A. Williams, Palestine, Ark.

Fruit and Berry Farm—Forty-seven acres, on public road, half mile to high school, on rural route and telephone line; ten acres of apples, one acre of strawberries, blackberries and raspberries; seven acres in timber; all well fenced; good four-room house and outbuildings. Price \$5,000, terms on \$1,000. T. L. Moore, Green Forest, Ark.

Carroll County Farm—Seventy acre farm, fifty acres in cultivation, three-room house, small orchard, good water; one-half mile to town with two canning factories, lumber yard, high school and churches; one-quarter mile to public highway. Price \$1,850, terms

if desired. G. W. Dodgen, Blue Eye, Mo.

Improved Farm in Van Buren County—Eighty acres, forty acres under fence, twenty-five acres creek bottom, and fifteen acres upland; one log house and outbuildings; family orchard, good water, two acres in red-top pasture. Price \$300. J. C. Brock, Dabney, Ark.

Fruit Farm in Benton County—Twenty acres; five-room house, with good outbuildings; near John E. Brown College; one and a half miles from Siloam Springs. For further information write P. L. McTeague, Siloam Springs, Ark.

Creek Bottom Farm—Seventy-five acres, all creek bottom except six acres; in high state of cultivation; good house and outbuildings; young orchard and vineyard; good for general farming. Will sell at a rare bargain. J. S. Martin, Harrison, Ark.

Fulton County Farm—One hundred sixty acres, fifty acres in cultivation; lays well and does not wash; has hog tight fence; good house, barn and family orchard; good school and church near; on good road and rural route. Price \$2,000, or would exchange for smaller place in southern part of the state, near Hot Springs or Hope preferred. J. T. Green, Hardy, Ark.

Small Farm in Benton County—Five acres, one mile from Gentry; four acres in orchard and berries; good three-room house and fine well, barn and chicken house; on public road. Price \$2,000, or terms. J. A. Coffelt, Route 1, Gentry, Ark.

Two Montgomery County Farms—One hundred sixty-six acres, three miles from railroad, on south fork of Washita river; in special school district, on mail route; sixty acres under fence, fifty-three acres in cultivation, some in pasture and vineyard; two sets of buildings. The other farm is located one-half mile north, in same school district; thirty-five acres in cultivation, thirty acres tenable land to clear; six acres in meadow and two acres in apple orchard. The uncultivated land on both places has quite a bit of timber. These farms can be bought on quick sale for \$3,600. R. A. Black, Red Bird, Ark.

One Hundred Acre Farm—Three-room house, good barn, two good wells, seventy-five acres in cultivation, all under barbed wire fence; one and a half miles from St. L. S. F. R. R., one mile from Frisco Railroad, one and a half miles from Midland Valley R. R. leading to good Oklahoma cities. For price and terms write D. R. Forbes, Hackett, Ark.

Eighty Acre Farm for Sale—Well improved farm one and one-half miles from railroad trading point; all fenced in; six-room frame house, living spring near house, nice yard; good barn with running water, room for fifty head of stock; several outbuildings; forty acres in cultivation, twenty acres in Elberta peaches; 400 cherry trees in good shape; old orchard. The rest of the farm in timber and pasture land. Price \$2,000. Terms on part. C. C. Rogers, Schaberg, Ark.

Forty Acre Farm for Sale—Two acres in strawberries, two acres in apples of several varieties, five acres in timothy and clover, some alfalfa, six acres in pasture land, ten acres of fine timber, wild blackberries for family use, eight walnut trees, good well, good barn, good chicken house; one and three-quarters miles from Gentry, Ark.; six miles from Siloam Springs. Price \$2,500; \$500 can be carried at 8 per cent with \$2,000 cash. L. W. Stephens, Route 2, Gentry, Ark.

Ideal Mountain Home for Sale—Forty-seven acres in the healthful Ozark mountains; twenty-five acres in cultivation, balance in timber and pasture land; large box house weather-boarded outside; fine cellar; large barn, good hen house and other outbuildings. Also a large store building, blacksmith and woodwork shop. Good well water and springs at farm; one mile to school, at postoffice and store. Price \$1,000; \$790 cash, balance in three or five years. I. F. Edwards, Fallsville, Ark.

Fifteen Acre Benton County Farm—Half a mile to good school, on graded road, one and a half miles to Gentry; eight acres in young bearing apple orchard; good land; \$2,500. Chas. W. Gann, Route 5, Gentry, Ark.

Three Hundred Twenty Acres in the Ozarks—Two hundred acres under barbed wire, about five acres under woven wire fence. Family fruit orchard; apples, peaches, plums and grapes. Good timber; pine, white oak, red oak; barn with two box stalls and sheep stall; eighteen miles from Rogers. A. M. Spengler, Rogers, Ark. War Eagle Star Route.

Sharp County Bargain—One Hundred sixty acre farm; 35 acres in cultivation, about 60 acres fenced in; good five-room house, good barn, crib and hen house; six miles from Hardy; good timber and fruit. For prices and terms write J. S. Scoles, Williford, Ark., Box 116.

For Sale—Eighty acre farm; 50 acres in cultivation, 20 in timber; seven miles north of Forrest City, Ark.; six-room house, three-room tenant house, good repair; big barn, two cisterns, twelve acre orchard, one-fourth acres in strawberries. For particulars write A. S. Mays, Route 1, Box 17, Forrest City, Ark.

Forty Acre Truck Farm—One mile from Grannis; 18 acres in cultivation, one and a half acres orchard, two and a half acres in berries; four-room house, good barn and other outhouses; plenty of running water. All under good wire fence. Price \$1,500. W. T. Atkins, Grannis, Ark.

Two Hundred Acre Farm—Second bottom farm, all good for grain, grass and fruit; 80 acres in cultivation, balance in good timber; three-room house and good small outbuildings; three springs and a good well; fruit for family use; near store and grist mill, one-half mile of R. F. D. route; seven miles from railroad. Price \$12.50 per acre. J. R. Denton, Alpena Pass, Ark.

Carroll County Farm—For sale or trade, 105 acres two and a half miles from Green Forest, on rural route, near hard surfaced road, quarter mile to good school and church; 75 acres cleared, balance in good timber land; two houses, two barns, well, spring and pond; fifteen acres good orchard; all fenced and cross fenced, some with rails, woven and barbed wire. Also 120 acres of timber land one-half mile back; fenced in with two wires, quarter mile from rural route; good spring and well. Will trade one or both tracts, including all personal property. Ben Collier, Route 5, Green Forest, Ark.

Carroll County Farm—Sixty-five acres located in fruit belt, five miles from Berryville, county seat; one mile from good road and rural route, one mile from district school, one-half mile from river; good fishing and hunting, rural phone service; forty acres in cultivation, twenty-five acres in pasture, four acres apple orchard, also peaches, pears, plums, cherries, grapes for home use; some alfalfa; good water, four-room box house, good concrete apple cellar, small barn and other outbuildings; all is fenced and cross fenced with wire; plenty of fire wood and fence posts growing on place. Price \$35 per acre. Abstract title and clear deed. L. C. Davis, Route 1, Berryville, Ark.

Rice Farm—At a great sacrifice, 612 acres well located on rock road; near DeWitt rice mills and on railroad switch, two irrigation wells, one electric and the other team power; three sets of buildings; 450 acres or more for rice. Will sell at \$45 an acre. Mortgage for \$17,500 can be renewed by paying part. Will make terms on part. Mortgage due March, 1923. For further information write J. H. Rothenthaler, DeWitt, Ark.

Good Mountain Land—Ten acres cleared, eight acres to be cleared, balance well timbered with black locust and hickory; good neighborhood, nicely settled; one-half mile from store and one mile from postoffice and highway now being built; good orchard land; young orchard already set. Cash price \$400. Write for full details. H. D. Griffith, Salers, Ark.

Eighty Acres Ridge Land—Twenty acres in cultivation; good buildings;

three-room frame house with screened porch, large shop and garage, large log barn with sheds attached; concrete silo; family orchard of various fruits just bearing; never failing spring. All fenced and cross fenced. Will also sell cow and wagon. Price \$2,200; half cash, balance on terms. S. L. Probst, Route 5, Box 90, Bentonville, Ark.

Eighty Acre Farm—Six acres cleared and fenced, balance well timbered; 65 acres can be cultivated; good farm and fruit land. Will trade for good Ford car. E. A. Ramsey, Swain, Ark.

Eastern Arkansas Farm—To close up an estate I am offering for sale a farm of 267 acres four miles west of Forrest City, Ark., on the Bankhead highway, which is also paralleled by the Rock Island Railway through this property; railway station on the place; 245 acres in fine cultivation, all under four-wire fence, large barn and new manager's residence, with ample tenant houses and outhouses; soil of loamy nature, lying almost level, just enough fall for sufficient drainage. This property would make an ideal stock, dairy and poultry farm; fifteen-minute auto drive from Forrest City. A. L. Stevens, Forrest City, Ark.

Woodruff County Farm—Three hundred fifty-three acres river bottom land, all under fence; 200 acres in cultivation, 50 acres being cleared this winter; eight new houses; two six-room, one four-room and five three-room, respectively; good barn. This farm produced \$13,000 worth of cotton in 1922. Price \$65 per acre; terms on part. J. P. Callicott, Harrison, Ark.

Boone County Fruit Farm—Eighty-one and a half acres fenced in, 50 acres in apples; ten acres in peaches, two acres in strawberries, one-eighth acre in grapes; six-room modern house; cellar, potato house, chicken house, barn, large packing house. All new and in good condition. Five miles from Harrison, two and a half miles from Capps, on the M. & N. A. Railroad, on graded road, mail route and telephone line. Price \$10,000. Terms on part. J. P. Callicott, Harrison, Ark.

Small Benton County Farm—Twenty acres, most all in cultivation; splendid orchard land; four and half miles from Siloam Springs, near school and church, good roads. Price \$700. S. V. Overly, Route 1, Siloam Springs, Ark.

Big Boone County Farm—One hundred fifty-nine acres, 60 acres in cultivation; all mostly level; good for fruit and berries; six miles from Harrison, on good road, daily mail, telephone line; spring water and cistern. Has one three-room house and two small barns. Ross Green, R. F. D. 4, Harrison, Ark.

Poultry, Grape, Berry, Fruit Farm—One hundred twenty acres, 26 improved; new buildings; on main road, one and a half miles from railroad and post office; \$1,800 cash if taken by February 1st. Maple Grove Poultry Farm, Elba, Ark.

Eighty Acre Farm—Fifteen acres improved; old buildings, on main road, two miles to railroad and postoffice; \$360 cash if taken by February 1st. Al M. Suchanek, Elba, Ark.

Johnson County Farm—Eighty acres of land, four miles east of Ozone, Ark. Five acres leveled, cleared and fenced, 25 acres more can be cultivated when cleared; two-room house, good cellar, well near door; twelve bearing peach trees. Cash price \$600. C. T. Faris, Paleo, Kan.

Boone County Farm—Twenty acres, 270 young fruit trees; three-room house; two and a half miles to railroad, three-quarters mile to school. Price \$500. B. H. Roberts, Route 1, Bellefonte, Ark.

Eighty Acre Farm—Thirty-five acres in cultivation, four acres in fruit, three acres in pasture fenced with woven wire; four-room house, barn, good well water, boxed chicken house, potato cellar, and good garden; close to schools, churches, stores and mill. Price \$1,200. Will take \$800 for first payment and give one or two years time for the remaining \$400. Will take a good wagon and team and make reasonable price on place. Daniel Ezell, Drasco, Cleburne county, Ark.

Eighty-five Acres of Timber Land—All except fifteen acres has been cleared; is good farm and pasture land; good free range. Price \$5 per acre. L. N. Farmer, Hasty, Newton county, Ark.

Benton County Farm—Sixty acres of well improved land; all in cultivation except one acre of timber land, well matured; well fenced, lays well, terraced to prevent washing; is very productive. There are 900 grape vines, one-half acre red and black raspberries, two-thirds acre blackberries, some other fruit. Ideal for the poultry or dairy business. Old age and without help is reason for selling. Price \$4,000; liberal terms. W. P. Willits, Route 1, Decatur, Ark.

Jackson County Farm—Five Hundred sixty acres of good farming land, 360 acres fenced, 200 acres in cultivation; four sets of houses and barns; public road runs through place, two miles from school, three miles from railroad town, Tupelo. Price \$40 per acre. A. A. Cole, Box 3, Tupelo, Ark.

Eighty Acres of Timber Land—All is in timber, but can be farmed when cleared; four miles from Decatur; three-quarters mile from school. Decatur is an excellent market for all kinds of fruit and truck. Price \$1,200 cash. J. O. Keigley, Route 1, Centerton, Ark.

Near Sulphur Springs—Eighty acre farm adjoining the limits of Sulphur Springs, Ark. Write George E. Wittich, Sulphur Springs, Ark., for full particulars.

Farm in Arkansas Fruit Belt—One forty-acre tract of land, all in cultivation and good condition; comfortable house and small barn; several fruit trees; fine for peaches and berries; good well water; three-fourths miles good school and church; good railroad facilities; near Alma, Ark. Price \$1,600 or reduction for cash and quick sale. Mrs. E. A. Stanfield, Route 2, Rudy, Ark.

Thirty Acre Tract of Land Near Rudy—All in fine cultivation; Rudy is the second largest shipping point for fruit in Crawford county; famous for peaches, berries and truck growing; good money in early apples; fine timber all around; good spring water; smooth land, plateau shape. Price \$1,500. Mrs. E. A. Stanfield, Route 2, Rudy, Ark.

Boston Mountain Farm Will Sell at Bargain—One hundred sixty acre fruit, grain and stock farm; beautiful location, good well and fine springs; fine hardwood timber; on Marshall and Witt Springs highway; good schools, free range for stock, sawmills and stave mills nearby; good orchard. Price right. Write I. V. Hensley, Pope county, Raspberry, Ark.

Ozark Fruit Farm—Thirty acres in Benton county, twenty acres in apples, five acres in strawberries, two acres in blackberries and raspberries, some young cherry trees; three and one-half miles to two good towns, one-half mile to switch on railroad. A real bargain at \$5,940 cash. Jess Johnson, Route 5, Rogers, Ark.

Eighty Acre Fruit or Dairy Farm—Fifty acres in cultivation, twelve acres in strawberries, small orchard, good spring water, plenty of timber; near town, one-fourth mile from public highway; four-room house, barn chicken house, three hog houses. I am a widow and unable to handle, is my reason for selling. Mrs. Flora Hildebrand, Route 4, Rogers, Ark.

Logan County Farm—One hundred forty-one acres located on public road, fine location for doctor, as there is one near; telephone service; high sandy loam; fine well water; six-room house with barn, cellar, etc.; orchard, large spring watered pasture; lots of wood and a fine garden. Write E. H. Shirley, Route 1, Subiaco, Ark.

Eighty Acre Farm in Carroll County—Land is situated on Jefferson Highway, five miles from county seat, three miles from Green Forest; comfortable three-room log house, shed and tool house; thirty acres fenced on north slope for fruit; ever flowing spring. For further information write Anna S. Anderson, Route 4, Green Forest, Ark.

Forty Acre Farm—Thirty-five acres in cultivation, some alfalfa, various fruits for family use; house, barn and good hen house; two good wells, one mile from town with high school; all land is fenced and cross fenced. Price \$2,000. L. C. Dingus, Green Forest, Ark.

Benton County Farm—Thirty acres; three acres young Jonathan orchard, eight acres in bearing apples; other fruit for family use; deep well; barn, hen house, new plastered six-room house, on highway, five miles west of county seat, one-quarter mile from school; rural route near. For terms write J. M. Gipple, Route 3, Box 23, Bentonville, Ark.

For Sale at Bargain—Eighty acres of land, fifty acres in cultivation, thirty acres in pasture and timber; family orchard; one new four-room bungalow; one rent house; two barns, two wells, three springs, poultry house and yard. Will include cattle, farming tools, team and wagon and good poultry. For price and terms write C. P. Sadler, Belleville, Ark., Yell county.

Fruit, Dairy and Poultry Farm—One hundred eighty-one acres, all new land under fence; 35 acres in cultivation, 60 acres in good timber, twelve acres in meadow, four acres in bearing fruit, some strawberries; good three-room house, barn and outbuildings; on Jefferson highway, three miles from Green Forest; spring of lasting water, blue grass pasture. W. T. McLaren, Route 4, Box 11, Green Forest, Ark.

Eighty Acres Sandy Loam Soil—All under wire fence, 60 acres in cultivation; four-room house; good sweet potato house, capacity 800 bushels; three wells; on highway. Will include farming implements and team of mules; one and half miles from town. Price reasonable. Rev. J. T. Jones, McRae, Ark.

Cleburne County Farm—Forty acres, 25 acres in cultivation, balance timbered with oak, gum and hickory; all fenced but five acres; good two-room house, barn, smokehouse, well, shed with good water, other outbuildings; on public road; free range for stock; has free outlet to range with plenty of fresh water. Price \$700, or will include the following for \$350 if taken by January 1st: One good team of six-year old mules, weight 800 pounds; wagon, harness, cultivator, comb fertilizer, planter and all other implements; sufficient hay and corn to feed until June 1st. Oscar E. Reed, Drasco, Ark.

Farm Bargain in the Fruit Belt—Ninety-five acres, 55 acres strong land in cultivation, 30 acres planted to wheat, 15 acres plowed for corn; rest in clover and alfalfa; 40 acres in timber, suitable for orchard; near two good schools and churches, on Fayetteville-Fort Smith highway; price \$6,000 if sold at once. Meet buyer at Lincoln, Ark., or Stillwell, Okla. R. M. Denton, Evansville, Ark.

Fifty Acre Upland Farm—Thirty acres under barbed wire fence; 35 acres in cultivation, good family orchard. Price reasonable, terms if desired. E. E. Collins, Route 1, Box 57, Cane Hill, Ark.

Tract Near Little Rock—One hundred sixty acres, 40 acres in cultivation, ideal for truck and stock farming, 16 miles south of Little Rock, on highway. Will sell part or all of tract. For further information write C. W. Wilson, Route 1, Box 42, Mabelvale, Ark.

Tract in Benton County—In the Ozarks on K. C. S., three miles from Decatur. For particulars write A. Ketton, Decatur, Ark.

For Sale or Exchange—Forty acres rich land, 30 acres level, cleared, under hog tight wire fence; ten acres slightly rolling, five acres cleared and fenced with rails; two-room house, good outbuildings; on mail route and public highway; fine farming section, well watered, healthful location. Price \$2,500. Easy terms, or exchange for good rental property; would exchange for good town property. Near Evansville. W. R. Clark, Route 4, Box 30, Clarksville, Ark.

Town Property for Sale or Trade—Dwelling and ten lots. Price \$1,200. M. Y. Van Zandt, Flippin, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Registered Guernsey bull, three years old, \$175; or will trade for Guernsey bull of service age; or for Guernsey or Jersey cows. H. B. Webster, Bentonville, Ark.

Registered Jersey cows, fresh and springers, extra heavy milkers; also service bulls and bull calves, priced to sell. W. Arthur Jones, Route 3, Paragould, Ark.

Three Holstein cows and one registered bull, each three years old. L. C. Dingus, Green Forest, Ark.

Twenty-one head registered Aberdeen-Angus cattle for \$1,400 if taken at once. W. G. Cantrell, Aurora, Mo.

Registered Aberdeen-Angus bulls, three years old, weight 1200 lbs.; ready for service; will furnish pedigrees with them. Price \$150 for the two. W. P. Tilley, Prairie Grove, Ark.

Two Holstein bulls, one three years old, \$75; one one year old, \$40. D. F. Woody, Herpel, Ark.

One Jersey bull, 13 months old, price \$50, f. o. b. S. A. Eden, Route 2, Berryville, Ark.

One pure bred Holstein bull, ready for service; in good condition. Price \$35. J. R. Stewart, Route 4, Booneville, Ark.

Hogs for Sale

Registered Poland China boar, two years old, sired by the "Yankee" out of a "Wonder Buster" dam. Will sell cheap. For particulars write Walter P. Clark, Arlberg, Ark.

Big type Poland Chinas, cholera immune bred gilts, service boars and weanling pigs; best breeding and individuality. Won more ribbons at the Arkansas State Fair in 1922 than any other herd exhibited. Prices reasonable and satisfaction guaranteed. W. Arthur Jones, Route 3, Paragould, Ark.

Big Boned Prolific Poland China pigs, either sex, papers in purchaser's name. Also two sows and one male, a bargain. J. W. Rowland, DeQueen, Ark.

Wanted—One Poland China boar pig three or four months old. Jesse Henry, Thornburg, Ark.

Horses and Jacks for Sale

Will sell or trade one black mammoth jack, Tennessee bred, weight 1030 pounds; fifteen hands high; also one mammoth jack eight years, fifteen hands. If interested, write J. C. Napier, Sunset, Ark.

Will exchange for other stock, one Clydesdale stallion, 8 years, weight 1600 pounds, works anywhere; price \$150. J. C. Hersperger, Hardy, Ark.

One Percheron stallion, sired by Helix, international prize winner; seven years, weight 1,800 pounds; color black, with one white foot. Harry Mercer, Tinsman, Ark.

For Sale or Trade—One black Spanish jack, about three years old. S. W. Boyd, Bald Knob, Ark.

Two well bred saddle horses, about two and three years old; well broken; price reasonable. One pure bred Duroc Jersey boar, two years old; price \$50. Kinley Johnson, Whitener, Ark.

Poultry Wanted

Wanted—Pure bred Black Orpington chickens and a few setting eggs at reasonable price, from good layers only. Cordie Duncan, Greenbrier, Ark., Route 2.

Black Minorcas, hens or settings of eggs. L. H. McLeod, Pangburn, Ark. Cayuga, Muscovy and East Indian ducks, Chinese and African geese; pigeons and rabbits. B. H. Roberts, Route 1, Bellefonte, Ark.

Poultry for Sale

A few extra fine Rhode Island Red cockerels, \$2 each at farm. E. A. Hulsey, Route 1, Green Forest, Ark.

S. C. White Leghorn hens and cockerels, \$1 each. L. C. Dingus, Green Forest, Ark.

Mammoth Bronze turkeys. Young toms, \$10. No hens. Mrs. Nora Pepper, Huffman, Ark.

One Bronze tom turkey. Prize winner at Siloam poultry show. Mrs. M. A. Overly, Route 1, Siloam Springs, Ark.

A few choice Barred Rock cockerels. C. C. Cotham strain; \$2 each. V. B. Dunkum, Berryville, Ark.

Rose comb R. I. Red cockerels, pure and standard bred, from good layers, \$1.50 each. Eggs in season. Mrs. Fannie Weide, Route 3, Box 24, Sulphur Springs, Ark.

Certified and pedigreed Barred Rock cockerels. Also certified cockerels and yearling hens. Olive Logsdon, Brookfield, Mo.

Two Rose Comb Rhode Island White cockerels to exchange for a cockerel and pullet of same breed; March hatch; would want birds old enough for breeding pen. Mrs. H. W. Smith, Box 136, Yellville, Ark.

Twenty S. C. White Leghorn hens and pullets, \$1 each. J. P. Aton, Route 1, Garner, Ark.

Valleyview Trapnested Strain American and English S. C. White Leghorns, bred separately, line bred and pedigreed, 247 to 314 egg record. Booking orders for eggs and chicks; also furnish eggs and chicks from selected flocks of the large breeds. Circular free. Valleyview Poultry Farm, Aurora, Mo.

Pure Tom Barron S. C. White Leghorn cockerels and one 18-months-old cock. Will exchange for pure Tom Barrons or Partridge Rock yearling hens. These are the best and will consider only the best in exchange. Dr. C. M. Shelton, Neuhardt, Ark.

Pure English Barron White Leghorns from imported stock, heavy layers. A few fine cockerels ready for service. Dr. C. M. Shelton, Neuhardt, Ark.

S. C. White Leghorn baby chicks from selected winter layers, 200 egg strain or better, 25c each; \$11.50 in lots of 50; \$21.00 per 100. Giant S. C. Black Minorca chicks, 30c each; \$14 in lots of 50; \$26 in lots of 100. Parcel post prepaid, safe arrival and satisfaction guaranteed.

Giant S. C. Minorcas (black), settings of 15 selected; exhibition, \$3.50; continuous layers, \$2.50. S. C. White Leghorn, heavy winter layers, \$2.00 per setting. Exhibition strain, \$3.00. Special prices, lots of 100 or more. Fertility, safe arrival and satisfaction guaranteed. G. P. Bartels, New Orleans, La., 2019 N. Roman St.

Prize winner Single Comb Brown Leghorn cockerels, everlay strain. Price \$1.50 to \$2.00 each. Cheaper if ordered by couples. W. F. Sudmeyer, Route 1, London, Ark.

Fifty choice Barred Rock hens and pullets, price \$1 each. A. Balch, Route 2, Bingen, Ark.

Turkeys for Sale—B. L. Randolph, Newburg, Ark.

S. C. White English Leghorn cockerels, \$1 to \$3 each; S. C. Brown Leghorn cockerels, standard bred, \$1 to \$3 each; S. C. White English Leghorn eggs, \$1 per 15 or \$1.75 per 30 eggs. Mrs. D. C. Davis, Pangburn, Ark.

Imperial Pekin ducks and eggs; 13 eggs, \$1.50; ducks, \$1.25 each. Myrtle Milner, Route 1, Box 52, Blevins, Ark.

Spring stock of Bronze turkeys, per pair, \$12.50. Single comb White Leg-

horn cocks, one to two years old, all hatched from Ferris hen eggs, good breeders, \$2.50 each. S. C. Brown Leghorn cocks, \$1.25 each, 1 year hens, \$1.00 each. Order early. S. E. Martin, Franklin, Ark.

Blue ribbon S. C. R. I. Red hen eggs, \$2.50 per setting. Judson Harris, Ozark Poultry and Fruit Farm, Siloam Springs, Ark.

Pure bred Buff Wyandotte eggs, first pen, \$2.50 per setting; second pen, \$1.50 per setting. The Evergreen Farm, Grandin, Mo.

Prize winning S. C. Brown Leghorn eggs, \$1 for 15, \$5 for 100. Russell strain. Clarence Young, Route 1, Box 46, Waldron, Ark.

Tom Barron strain White Wyandottes, imported direct, 248-313 egg line; cockerels, \$3 and up; eggs, \$9 per 100; baby chicks, 25c each and up; eggs and chicks prepaid. Fairview W. Wyandotte Egg Farm, Aurora, Mo.

Goats for Sale

Fifty head of full stock Angora goats, \$2.50 apiece. For further information write J. W. Laster, Route 4, Greenwood, Ark.

Several grade milk goat nannies, of Toggenburg strain. Ulysses G. Willis, Route 3, Gravette, Ark.

Grain Wanted

Wanted—Several cars shucked and sacked shell corn. Quote delivered prices only. Felix Morel, New Roads, La.

Wanted—A car or two of seed oats. W. G. Meyer, Western Grove, Ark.

Seeds and Plants

Fifty thousand Early Jerseys Frost Proof Cabbage Plants, 25c per 100. G. B. Moran, Kirby, Ark.

Rowden's bill boll cotton seed. Pure strain, \$1.50 per bushel. In ton lots and over, \$60 per ton. Can supply in car lots. Cotton and Johnson, Dardanelle, Ark.

Eight hundred bushels Blue Rose seed rice, free from red rice, raised on new soil. H. E. Bard, Des Arc, Ark.

1922 recleaned reliable Lespedeza seed, \$3.75 per bushel. County agents interested in the purchase of seed, write W. T. LeSassier, Woodville, Ark.

Velvet beans; 90 day runners, \$1.35 per bu; bunch, \$1.75; sacked in 2½ bushel bags, f. o. b. this point. C. E. Stephens, Alexander, Ga.

Seed Corn—Neal's Paymaster and Mosby Prolific, both varieties certified by the Arkansas Seed Growers' Association and are guaranteed to be as represented. Carefully selected, nubbed, shelled and graded. Put up in strong bags for shipment. Order now. Price \$2.50 per bushel. Earl Kilpatrick, Marianna, Ark.

Kudzu Roots, jumbo, \$5 per 100; \$40 per 1,000 1-year-old roots, \$2.50 per 100; \$25 per 1,000. J. A. Love, Arlington Farm, Hot Springs, Ark.

Special hand selected St. Charles White seed corn; shelled, butted and tipped; \$2 per bushel, f. o. b. DeWitt. Rowden big boll and Early Trice big boll cotton seed; first year from pure seed; extra care taken at gin in saving seed. Early Trice is one of the earliest big boll varieties, a good yielder with a good 1½-inch staple; \$1.75 per bushel or \$5 per cwt., f. o. b. DeWitt, Ark. Cash with order. A. P. Law, Rosedale Farm, Route 2, DeWitt, Ark.

One thousand bushels of good heavy rice (Old Variety Blue Rose). Dr. Hammett Farm, 7½ miles west of Des Arc, Ark., or write 110½ W. Seventh, Little Rock, Ark.

Orange cane seed; nice and clean, \$2 per bushel. A. L. Keith, Galena, Ark.

Klondike strawberry plants, from field set last year. Jim Cain, Mountaintown, Ark.

One hundred bushels of home-grown orchard grass seed, \$2.40 per bushel, f. o. b. J. C. Phillips, Summers, Ark.

Mexican vine, grows 15 feet high, has flowers, one large or two small

bulbs for 25c; beautiful honeysuckle, three plants for 10c; yellow and red cannas, grow from 4 to 7 feet tall; three bulbs for 25c; all post paid. Mattie Sullivan, Route 3, DeQueen, Ark.

Choice Lespedeza seed, 1922 crop. Write for quotations. Lespedeza Seed Growers' Co-operative Ass'n, Inc., Baton Rouge, La.

Rowden and Trice cotton seed, \$1.50 per bushel. A. Balch, Route 2, Bingen, Ark.

Celeste fig trees, 3 to 5 feet, 25c each or \$3 per dozen, \$24 per 100. Quinces and peaches, 25c each or \$3 per dozen. June plums, 20c each or \$2 per dozen or \$15 per 100. Seedling pecans, one year old, 20c each, \$2 per dozen, \$15 per 100. Ivan L. Butter, Lecompte, La., Box 92.

Red, cream, pink and green roses, bush and Rambler, 20c each, \$2 per dozen, \$12.50 per 100. Buddelia, bride's wreath, arbor vitae, forsythia, orange trees and magnolia, 15c each, \$1 per dozen or \$8 per 100. Ivan L. Butter, Box 92, Lecompte, La.

For Sale—Miscellaneous

One Koger pea and bean thresher, 32-inch cylinder, threshes peas from vines without choking; also threshes peanuts, kafir and other grains. Price \$250. J. C. Hersperger, Hardy, Ark.

A full blooded male setter dog, three years old, well trained, good retriever, price \$75, or will take a female pointer or setter pup four or five months old as part payment. Will meet buyer at Pine Bluff, Ark., or will be glad to let you see the dog hunt. Johnnie Brewster, Route 1, Box 96, Rison, Ark.

Trained fox hounds and trained tree hounds. Satisfaction guaranteed. Roy Langston, Route 2, Box 75, Green Forest, Ark.

Hand painted china; would like to correspond with anyone interested. Mrs. I. N. Stevens, Green Forest, Ark.

Wanted—A practicing physician to locate at Combs, Ark. No doctor here. For further information write J. S. Faubus, Box 21, Combs, Ark.

A 200-gallon tower sprayer, used very little, in good condition \$250. See or write George H. Snitzer, Seligman, Mo., Route 1.

One Ottawa gasoline engine, log-tree, and buzz saw outfit; good condition; price \$110; or will trade for hogs, cattle or chickens. H. B. Webster, Bentonville, Ark.

One standard, visible Oliver typewriter No. 5, \$18; or will trade for hogs or chickens. H. B. Webster, Bentonville, Ark.

One 20-inch buzz saw, never been used, \$3.50; or will trade for Rhode Island Red cock or cockerel. H. B. Webster, Bentonville, Ark.

Young red cedar; can furnish them from six to twelve inches high. Alvin Griffith, Draft, Ark.

One No. 3A Seneca camera, size 3¼x5½, four plate holders, case, and tripod. Will exchange for hammerless shotgun or something of equal value that I can use. James B. Corlies, Route 3, Pottsville, Ark.

Wanted—Large family to pick strawberries, make cross ties and clear land. Will furnish house to live in. J. P. Aton, Route 1, Garner, Ark.

Will trade good coon hound dog three years old for Airedale. I am too old to hunt and want a good farm dog. J. P. Aton, Route 1, Garner, Ark.

One pair of fox hounds, age two and four years. One has been in several fox races; both are good rabbit hunters. Price for pair, \$50. R. O. Henning, Route 2, Bentonville, Ark.

Wanted—Mexican Toy, or Rat Terrier dog, pup preferred; either sex. C. V. Lamb, Hill Top, Ark.

One Richmond mill in excellent condition; will sell very cheap. Harry M. Paul, Harison, Ark.

One grain binder, practically new; in first class condition. Will take \$150 cash, or will trade for good team of mules five years old. A. J. Brewer, Shiloh, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 3

LITTLE ROCK, ARKANSAS

March, 1923

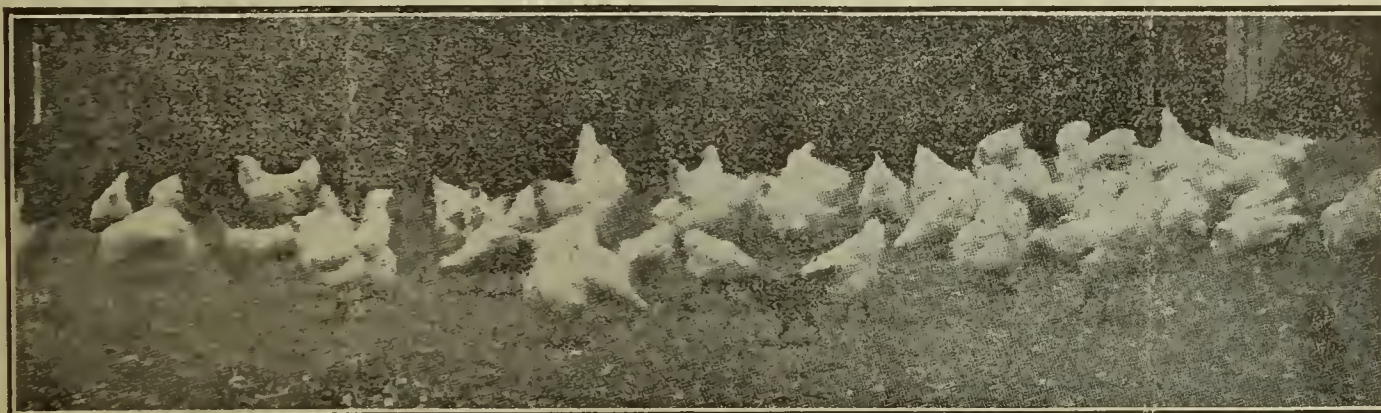
Breeders Offer Many Opportunities to Buy Pedigreed Fowls of Most Every Species and Strain Raised in State

WHETHER the incubator or the trusty old hen is to be used to hatch the batch of spring chickens the farmer, his wife or the boy or girl will this month or next select the hatching eggs and it is so important at this time to have good eggs from a good strain that we thought it would be appropriate in this issue of The Bulletin to give a list of breeders of pure-bred flocks who have offered eggs and breeding birds for sale, so that our readers may have an opportunity to improve their stock. It is no more trouble to raise a good bird than a poor one, and both the good bird and its eggs are worth a great deal more than the poor stock. As quality is raised, profits increase. The farm flock can be put on a pure-bred basis in one year if we start at hatching time. There follows a list of some offerings by reliable breeders.

WHITE LEGHORNS.—M. M. Fry, R. 1, Springdale, Ark.; Mrs. T. E. Batchelor, Dumas, Ark.; L. C. Dingus, Green Forest, Ark.; Valley View Poultry Farm, Aurora, Mo.; C. M. Shelton, Neuhardt, Ark.; Mrs. D. C. Davis, Pangburn, Ark.; S. E. Martin, Franklin, Ark.; H. E. Gamble, Blue Mountain, Ark.; L. T. Sanders, McNeil, Ark.; L. B. Ramsey, Flag, Ark.; J. G. Cecil, Olvey, Ark.; Sunnyside Farm, R. 2, Alexander, Ark.; M. C. Reid, Casa, Ark.; Erma Patton, Harrison, Ark.; W. W. Rhoads, Carlisle, Ark.; Tribble Poultry Farm, Asher, Ave. and Brown St., Little Rock, Ark.; Mrs. C. M. Kone, R. 2, Hazen, Ark.; W. D. Bradley, 19th St. Pike, Little Rock, Ark.; Wilsnant Poultry Farm, Newport, Ark.; Mrs. C. M. Kruse, Route 2, Hazen, Ark.; Mrs. C. A. Bachman, Butterfield, Ark.; S. R. Wells, Russellville, Ark.; Boyd Bros., Route 1, Emmet, Ark.; Cedar Crest Farm, Route 6, Pine Bluff, Ark.; R. L. Whitaker, Prairie Grove, Ark.; Mrs. Dora Hilton, Route 2, Eureka Springs, Ark.

BROWN LEGHORN.—Mrs. G. H. Blount, Box 1, Palestine, Ark.; T. C. Harri, R. 2, Greenwood, Ark.; W. F. Sudmeyer, R. 1, London, Ark.; Clarence Young, R. 1, Box 46, Waldron, Ark.; Mrs. O. T. Beck, Box 28, Washington, Ark.; D. E. Neuhardt, R. 1, Charleston, Ark.; C. C. Helneck, Fayetteville, Ark.; J. T. Franklin, R. 1, Jonesboro, Ark.; C. V. Eudy, Dover,

POULTRY CAN BE PUT ON A PURE-BRED BASIS MORE EASILY THAN ANYTHING ELSE ON THE FARM



Good Chickens are Twice as Profitable as the Mongrel Flock

Ark.; J. F. Reed, Turkey, Ark.; W. E. Huey, Russellville, Ark.

BUFF LEGHORN.—Walter A. Davis, R. 3, Gentry, Ark.; Mrs. Lark Cloy, R. 3, Bentonville, Ark.; A. C. Ashabranner, R. 3, Blytheville, Ark.

S. C. BARRED ROCKS.—Gail S. Brewer, Rogers, Ark.; V. B. Dunkum, Berryville, Ark.; Oliver Logsdon Brookfield, Mo.; A. Balch, R. 2, Bingen, Ark.; Mrs. W. A. Van Demark, Lamar, Mo.; Mrs. F. C. Galbraith, 55 Henderson Ave. Hot Springs, Ark.; W. Lee Been, R. 1, Box 40, Greenwood, Ark.; S. V. Gullett, Alpin, Ark.; Mrs. Eva Watson, Pea Ridge, Ark.; Mrs. Joe Head, R. 4, Rogers, Ark.; John Patton, Clarksville, Ark.; S. N. Plank, Murfreesboro, Ark.; Mrs. Geo. M. Lick, Little Rock, Ark.; A. C. Richards, Wynne, Ark.; Ray L. McLester, Pangburn, Ark.; R. Lambert, Route 2, Amity, Ark.; Mrs. Telia Stewart, King Mills, Ark.; Robt. R. Taylor, Smithville, Ark.; Mrs. E. L. Lantrop, Box 303, Siloam Springs, Ark.

ORPINGTON.—White and Buff Breeds—A. R. Hall, Pea Ridge, Ark.; Buff—W. W. Horton, King Mill, Ark.; Carroll Short, 509 Spruce Street, Little Rock, Ark. white—W. S. & L. Alley, Forrest City, Ark.; Ben H. Noel, 5410 S Street, Little Rock, Ark.; S. N. Plank, Murfreesboro, Ark.

RHODE ISLAND RED.—Mrs. J. E. Stevenson, Dardanelle, Ark.; Mrs. J. A. Sanders, R. 6, Fayetteville, Ark.; M. M. Fry, R. 1, Springdale, Ark.; E. M. Billingsley, Gravelly, Ark.; E. A. Hulsey, R. 1, Green Forest, Ark.; Ozark Poultry and Fruit Farm, Siloam Springs, Ark.; Mrs. G. P. Eidson, Springdale, Ark.; Mrs. C. L. Goss, R. 1, Box 107, Haskell, Ark.; Mrs. Wash Jones, Vilona, Ark.; Mrs. Nella Vawter, Berryville, Ark.; Mrs. Laoline Harrison, Pangburn, Ark.; Mrs. J. H. Branscum, R. 2, Berryville, Ark.; Batchelor Farm, Dumas, Ark.; Mrs. Cora McCrady, Rector, Ark.; Tribble Poultry Farm, Little Rock, Ark.; Mrs. Fannie Weide, R. 3, Box 24, Sulphur Springs, Ark.; Mrs. J. R. Bentley, Gentry, Ark.; C. D. Ashmore, Gun Log, Ark.; Mrs. Ira Johnson, Agricultural School, Russellville, Ark.; Jameson Poultry Yards, Magnolia, Ark.; H. R. Oastley, Hope, Ark.; Oakhurst Poultry Farm, Meg, Ark.

RHODE ISLAND WHITES.—E. M. Swindler, Batesville, Ark.; Mrs. H. W. Smith, Box 136, Yellville, Ark.; Robt. F. Crow, Lebanon, Mo.; Oakhurst Poultry Farm, Meg, Ark.

WHITE WYANDOTTES.—Miss Ruby Gray, Decatur, Ark.; Mrs. W. H. Graves, Fairview, Mo.; Fairview Farm, Aurora, Mo.; Mrs. Avery Allen, Macon, Mrs. Marie Johnson, Russellville, Ark.; E. Gill, Magnolia, Ark.; J. F. White, Little Rock, Ark.

SILVER-LACED WYANDOTTES.—W. F. Nance, Ravenden, Ark.; L. T. Sanders, McNeil, Ark.; Mrs. Eva Watson, Pea Ridge, Ark.; Allen Adams, Little Rock, Ark.; J. F. White, Little Rock, Ark.; W. M. Banks, Little Rock, Ark.; J. N. R. Sears, Wynne, Ark.

BUFF WYANDOTTES.—Evergreen Farm, Grandin, Mo.

PARTRIDGE WYANDOTTES.—F. Texarkana, Ark.; Mrs. H. S. Easter,

ANCONA.—Walter Bros., Sulphur Springs, Ark.; Mrs. Avery Allen, Macon, Mo.; Mrs. Fannie McGaughey, Olvey, Ark.; Mrs. L. C. Parker, R. 2, Gentry, Ark.; Seigel Taylor, R. 3, Little Rock, Ark.; Steel Poultry Farm, Texarkana, Ark.; Mrs. H. S. Easter, Route 1, Rogers, Ark.; L. B. Ramsey, Flag, Ark.

SILVER SPANGLED HAMBURGS.—Mrs. Will Sudmeyer, R. 1, London, Ark.

MINORCAS.—W. G. C. Coleman, Hiwasse, Ark.; Mrs. T. T. Batchelor, Dumas, Ark.; G. P. Bartels, 2019 North Roman Street, New Orleans, La.; A. R. Hall, Pea Ridge, Ark.; Mrs. Eva Watson, Pea Ridge, Ark.; D. L. Thompson, 1208 Welch Street, Little Rock, Ark.; Fred Born, North Little Rock, Ark.; Mrs. V. P. Perry, Butterfield, Ark.

JERSEY BLACK GIANT.—Jersey Giant Farm, Breaux Bridge, La.

BLACK LANGSHAN.—Mrs. S. C. Brackett, Batavia, Ark.

BANTAMS.—White, top-knotted—Velma Van DeMark, Lamar, Mo.; David Galloway, R. 1, North Little Rock, Ark.

GAMES.—J. D. Flower, R. 1, Higden, Ark.

TURKEYS.—Narragansett breeds.—W. F. Nance, Ravenden, Ark. Mammoth Bronze.—Mrs. Nora Pepper, Huffman, Ark.; Mrs. M. A. Overley, R. 1, Siloam Springs, Ark.; S. E. Martin, Franklin, Ark. Bronze.—Mrs. Willis Williams, Franklin, Ark. Narragansetts.—B. Bindley, Harrison, Ark.

DUCKS.—Imperial Perkin Breed.—Myrtle Milner, R. 1, Box 52, Blevins, Ark. Indian Runner.—Mrs. Maude Thompson, Hopper, Ark.—Muscovy. R. H. Heath, Chickalah, Ark. Duff.—W. S. & L. Alley, Forrest City, Ark.

GUINEAS.—White African Breed.—E. M. Henning, Dentonville, Ark.; Mrs. L. E. King, Box 455, Corning, Ark.

PEAFOWL.—L. W. Forbes, Hackett, Ark.

GEESE.—Chinese—M. C. Hicks, R. 3, Little Rock, Ark.; Madlen Poultry Farm, Topeka, Kan. Buff.—George Higgins, Varner, Ark.

TOO LATE TO CLASSIFY

ANCONAS.—G. W. Pettit, Capps, Ark.

BARRED ROCKS.—Mrs. W. T. Anderson, R. 5, Bentonville, Ark.; James Cotham, Dumas, Ark.

R. C. BROWN LEGHORN.—M. M. McCall, Bradford, Ark.

S. C. BROWN LEGHORN.—Mrs. Frank Cox, Oak Grove, Ark.

MINORCAS.—E. P. Burleson, Turkey, Ark.

WHITE LEGHORNS.—Johnson & Clark, Jonesboro, Ark.; W. O. Pence, Batesville, Ark.; Robinson's Poultry Farm, Gravette, Ark.; A. H. Sandhouse, Fayetteville, Ark.; H. C. Porter, Fayetteville, Ark.; M. R. Curry, Gentry, Ark.; J. J. Bull, Monticello, Ark.; J. W. Canterbury, Ozan, Ark.; L. B. Pence, Conway, Ark.; S. G. Parks, Harrison, Ark.

RHODE ISLAND RED.—W. F. Daniels, Lonsdale, Ark.; Ralph Y. Cats, Russellville, Ark.; Hillcrest Poultry Yards, Little Rock, Ark.

PEKIN DUCKS.—Mrs. L. Duval, R. 1, Blevins, Ark.

COLUMBIAN ROCKS.—H. E. Dvorachek, Fayetteville, Ark.



ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

FARMS FOR SALE

Timbered Land in Marion County.—Forty acres; plenty of good spring water; surrounded by plenty of outside range as fine as there is in the county. What have you to trade for this? W. P. Waters, Pyatt, Ark.

Ideal Stock Farm.—195 acres in north Franklin county; 65 acres in cultivation; 10 acres in Bermuda; part bottom, part upland; four room house with cellar, tenant house, and good outbuildings; on public highway, mail route, and telephone line; 1 mile from public school, ten miles from Ozark, county seat. Price \$2,500, \$1,000 cash, balance on terms. W. P. Anderson, Watalula, Ark.

Benton County Stock Farm.—280 acres; 80 acres of good bottom land in cultivation, balance in timber and pasture, all fenced; excellent spring water; good six room house and barn. On good road, seven miles east of Rogers. Price, \$8,500. J. O. Pace, R. 6, Rogers, Ark.

Creek Bottom Land in Greene County.—Seventy-eight acre farm; 65 acres in fine state of cultivation; four room house and barn; near churches and high school; three-quarters mile to railroad town and R. F. D., six miles to county seat, on good road. Will take \$110 per acre including stock, feed, and farm implements, or will take \$95 per acre for farm. Terms on part at low rate of interest. For further information write, D. R. Shearer, Halliday, Ark.

Three Tracts of Land for Quick Sale.—120 acres in Cleveland county; 40 acres eighteen miles from Hot Springs; 4½ acres in Hot Springs; all in cultivation with necessary buildings and fine water. Also four room house and two good lots in Hot Springs. Will sell cheap or trade. Write for particulars. J. W. Hampton, Route 1, Hot Springs, Ark.

Forty Acre Fruit and Poultry Farm.—Located on county road, one-half mile from Zinc, Boone county; all fenced and cross-fenced with good grade of woven wire; 500 choice young apple trees, 500 choice young peach trees from standard nursery, 60 bearing grapevines, Concord, 60 bearing peach trees, one acre Klondike strawberries, 100 plum trees now bearing, three acres alfalfa, 12 acres orchard grass and clover. Small barn and two room house, good spring water. A rare bargain for a small fruit, poultry farm and home. Price \$1,250, terms if desired. R. P. Cochran, Box 26, Zinc, Ark.

Polk County Farm.—Eighty acres, 20 acres in cultivation; good house, barn and well water, outside range; plenty of timber and orchard land; one and one-half mile to town, price \$800. C. F. Jones, Grannis, Ark.

Ideal Farm Near State University.—635 acres, 450 acres in cultivation, (on one acre of which is a school building), land produces 85 to 115 bu. of corn to the acre; balance in second bottom which produces 28 to 32 bu. wheat to the acre; 175 acres of upland containing oak and walnut timber; apple and peach orchard, plenty of grass. Good barn, six room house, and other necessary outbuildings; one and one-half mile from Fayetteville, a fine location for health, educational advantages, and modern conveniences. Will also sell all cattle, hogs, horses, implements etc., if desired. Price, \$80 per acre. E. L. Hoke, 952 East Elm St. Springfield, Mo.

Hempstead County Farm.—Forty-two acres, 12 miles from Ilope, 4 miles from Patmos, on rural route; good level, fertile land, one mile to church and school, new seven-room bungalow well built, large barn conveniently arranged; good living water; will include stock, farming implements, and feed. Old age is reason for selling. Wm. Aaron, R. 1, Box 161, Patmos, Ark.

One Hundred-Sixty Acre Farm.—Located 10 miles east of Winslow, Washington county, on highway, one-half mile to good school; 80 acres in field, 120 acres level and clear of rock, several good apple trees. A fine location and good place but run down considerably. Price \$1,600, \$300 cash, terms on balance. Charlie King, R. 2, Springdale, Ark.

Boone County Farm.—136 2-3 acres; 80 acres in cultivation, balance in fine timber land, good orchard; one 4-room house, two 2-room houses, good outbuildings; 8 miles south of Harrison, one-half mile to county road, near mail route. Price, \$4,000. W. B. Potts, R. 2, Harrison, Ark.

Sandy Loam Farm.—Eighty acres one-half mile to Vilonia-Conway pike; all in cultivation except some woods and pasture; two acres in fruit and berries; splendid six-room house and several convenient outbuildings. Near Vilonia, where splendid educational advantages can be had. For further information, write, A. F. Bush, Vilonia, Ark.

Fruit-Berry-Stock Farm.—One hundred and sixty acres in Benton county; all fenced and cross-fenced; five acres in apples, three acres in strawberries, grapes, peaches, plums, cherries, and blackberries; 15 acres cleared and in cultivation, rest in timber; good house and outbuildings, three and one-half miles to Springtown, seven miles to Gentry. Bargain price, \$2,500, cash \$800 with terms on balance. Can give immediate possession. A. E. Dowell, R. 1, Springtown, Ark.

Dairy Farm in the Ozarks.—Forty acres adjoining the town of Berryville, Carroll county; all in cultivation; six-room house and outbuildings, fine spring. An ideal suburban home. J. H. Hanna, Berryville, Ark.

Upland Farm in Cleveland County.—Sixty-three and one-half acres level land, will make one-half bale to 1,000 lbs. of cotton per acre. An oil well is being drilled two miles from place. For quick sale will take \$35 per acre. T. W. Chowning, New Edinburg, Ark. Box 95.

Fruit and Stock Farm in Benton County.—560 acres on highway between Bentonville and Decatur; 200 acres in cultivation, balance in timber; all hog-fenced; four-room house, one new log house, good spring water; fine land for grapes, strawberries, beans, tomatoes or most anything. Price \$32 per acre. For particulars and terms write, J. H. Dameron, Marionville, Mo.

Improved Farm.—Forty acres, three and one-half miles from Siloam Springs, every acre tillable. Will sell or trade for smaller place nearer town. Bargain if taken before crop time. For further information, write W. A. Duff, Siloam Springs, Ark.

Fruit and Berry Farm.—Two acres, one-half acre in raspberries (produced 90 crates last year), 250 gooseberries, 200 blackberries, 50 bearing cherry trees, some grapes, apples, peaches, plums; good, rich soil, all fenced;

four blocks west of public square, Bentonville, Ark., price \$6,500. Easy terms. D. G. Houston, 603, W. 11 St. Bentonville, Ark.

For Sale or Exchange.—150 acres rich alluvial soil, 50 acres in cultivation, 80 under field fence; produces excellent crops of cotton, corn, alfalfa, and sudan; also good cypress timber, ash, oak, elm and hickory; fine fishing lake on north boundary with good stock water all year. Will trade for 40 to 80 acres level land, clear of rocks or gravel near high school; some orchard desired. Frank Claycomb, Weldon, Ark.

Boone County Bargain.—180 acres, 115 acres in cultivation, 45 in pasture, 20 in timber, all productive; limestone soil, produces corn, wheat, oats, and clover; all kinds of fruit. Ten-room house with Deleo lights, several good outbuildings; all land is fenced and cross-fenced. Splendid location, one and one-fourth miles to good, live city of 3,500; on Jefferson Highway. For price and terms write owner, O. L. Parkinson, Harrison, Ark.

Forty Acre Farm.—Twenty acres in cultivation, rest in timber; good three-room house and barn; near school and church, on mail route; one mile to highway, three miles to Lincoln. Price \$1,500 with easy terms. J. A. Parks, R. 3, Box 49, Lincoln, Ark.

Fifty-eight Acres in Sharp County.—Twenty-five acres in cultivation; 40 under good wire fence; ten acres in rich bottom land; six miles from railroad town, good five-room house, good outbuildings. Will sell cheap at \$1-500 or will trade. What have you? Grover Sanders, Sitka, Ark.

Bargain in Madison County.—Ninety-six acres near good railroad town, healthful location; four-room house and outbuildings; plenty of fruit and timber, fine water. Can be bought for \$1,500 if taken within 30 days. Cash \$600, balance on terms. Mrs. Daisy Finch, St. Paul, Ark.

Four Farms in Fruit Belt of the Ozarks.—The farms consist of the following acreage respectively: 206 acres, 60 in cultivation; 150 acres, 60 in cultivation; 80 acres, 30 in cultivation; 160 acres, 50 in cultivation. Also forty acres adjoining the above. All are located near railroad stations, good schools; are fine for fruit and dairy purposes; have good houses and outbuildings, are reasonably priced with easy terms. Write for further information, L. A. Gary, Pindall, Ark.

Fruit and Stock Ranch.—Located in the healthful Ozarks, on railroad; lots of good timber; free range. Buy now and pay when you can. Ony Ware, Brewer, Ark.

Marion County Farm.—Forty-six acres; 15 acres in cultivation, good three-room house, good family orchard and spring. Price \$1,000. J. D. Killgore, R. 1, Box 40, Oakland, Ark.

Ideal Farm Home.—Fifty acres of gravelly land; rich soil, good timber; white oak, black oak, hickory and ash. Will trade for good car. T. B. Reece, Box 151, Mountain View, Ark.

Fruit, Grass and Grain Land.—Eighty-nine acres of good smooth land; six miles to railroad, on hard surface road; free mail delivery; public school and church on one corner of farm; good buildings and water; 25 acres in apples. Price \$100 per acre, \$3,000 cash, balance on terms. L. E. Watson, Pea Ridge, Benton County, Ark.

Stock Farm.—Two hundred acres, eight miles to Eureka Springs, six miles to Berryville; 60 acres in cultivation, 20 acres in rich bottom land; 50 young apple trees; three-room house and outbuildings. Price \$4,000, terms on part if desired. John Walter Hull, R. 1, Box 25, Eureka Springs, Ark.

Clay County Farm.—366 acres, 235 in cultivation; produces fine corn, wheat, cotton, rice, red clover; has fine natural drainage; all cross-fenced; two good seven-room dwellings, three tenant houses and other outbuildings; No. 3 sawmill in running order; will include all teams, tools, stock, hogs and cattle. Write for price and full particulars. E. A. Kelley, Corning, Ark.

Three Farms in Benton County.—20 acres, 40 acres, 113 acres; a chicken ranch, an orchard, and berry farm, and a river bottom stock and grain farm; all well improved, close to Ozark health resort, splendid roads, good markets, each one a sound proposition. Priced to sell. Long terms. Butler Hurlock, Siloam Springs, Ark.

Fruit and Poultry Farm.—Thirty acres well improved; two miles from Siloam Springs, on public highway, one-half mile to school; 16 acres in apples, some peaches, cherries and plums; four acres in timber and pasture, fenced and cross-fenced; good six-room house and outbuildings. Price \$6,000 Mrs. Emma E. Brandon, Siloam Springs, Ark.

Fulton County Bargain.—160 acres, 30 in cultivation; 50 under fence; good house, barn and other outbuildings; spring water, some apple and peach trees. Two miles from town, ten miles from railroad. C. T. Stone, Camp, Ark.

Pasture Land Farm.—240 acres in Benton county, six miles to Siloam Springs; two large springs; plenty of timber; all fenced and cross-fenced; two small houses, on good road. Pasture for 100 head of stock. Write Lloyd H. Hurlock, Siloam Springs, Ark.

Fulton County Farm.—800 acres; 550 acres in cultivation, 300 acres river bottom land, very fertile, produces from 50 to 75 bushels of corn or two tons clover and timothy hay per acre; the

upland lays well and produces good crops, is excellent grass land; one good five-room house and barn, four fairly good tenant houses; on good roads, one and one-half miles to county seat. Price \$50 per acre. Jas. L. Smith, Salem, Ark.

Northwest Arkansas Farm.—120 acres, 80 in cultivation; 40 acres in timbered pasture, 12 acres in orchard, good buildings, near church, school and stores, 10 miles to Fayetteville. Price \$7,000 if taken soon. Terms. Ed Melton, R. 1, Box 97, Wheeler, Ark.

Unimproved Land.—Seventy acres covered with fine white oak, red oak, hickory and ash timber. Will trade for Ford Sedan, Coupe or Dodge car. Or will sell for \$650 cash. T. B. Reece, Box 151, Mountain View, Ark.

Stock and Grain Farm.—325 acres, eight miles east of Green Forest; 125 acres in bottom land, 40 acres in alfalfa, clover and orchard grass; five-room house, small tenant house and outbuildings; price \$50 per acre. 400 bu corn, 200 bales hay, farming tools and team go with place if taken soon; rented for this year; terms on half. A. D. Chaney, Box 21, Green Forest, Ark.

Ideal Health and Pleasure Resort.—Forty acres near lake and club house, has swiftly running creek, picturesque woodland, with cold and everlasting springs; open spaces for camping site; 20 acres in cultivation, all fenced; four-room house, three-room rent house; good orchard and garden; on the Little Rock and Texarkana road, nine miles from Malvern. Price \$6,000, cash and terms. H. E., Box 121, R. 3, Malvern, Ark.

Tract to Trade.—I own the N. E. ¼ of S. W. ¼ and the N. W. ¼ of S. E. ¼ of Section 8, Tp. 3, R. 16 West. Will sell for cash or trade for anything of value. What have you? Oscar Barnett, Malvern, Ark.

Sandy Loam Land.—Eighty acres of Bayou Bartholomew land, unimproved, can easily be put into cultivation. It is well worth the price I paid for it, \$4,000; I owe \$1,500, would exchange equity for good automobile, or other property. Will sell on ten years time. K. Dillender, Dermott, Ark.

Two Farms Near Siloam Springs.—27 acres; half is smooth and cultivated; balance in timber and pasture; on highway two and one-half miles to Siloam Springs; five-room bungalow, hot and cold water, natural pressure from spring; good outbuildings; good title. Price \$3,600, terms on half. Twenty acres; one acre in alfalfa, one acre in blackberries, balance in timber and pasture, three-room bungalow; two and three-quarter miles to Siloam Springs, on highway. Price \$1,500, terms on half. F. L. Palmer, R. 3, Siloam Springs, Ark.

Benton County Farm.—Fifty acres; lies level, no rocks; 10 acres in meadow, clover and timothy; is adapted to general farming; on good road; would exchange for more land. Melvin Harrington, R. 2, Box 81, Gentry, Ark.

Fruit Farm for Quick Sale.—Seventy acres in Crawford county; 35 acres in cultivation, one-half under hog wire fence; one and one-half miles to railroad; on telephone line; 300 fruit trees of various kinds, small meadow, small house and barn. Price, \$1,000. F. N. Taylor, Armada, Ark.

Upland Farm.—Twenty acres on railroad near good town; fine for general farming and poultry. Will trade for good Ford car or truck, or will take \$20 per acre. Part cash, terms on balance. J. M. Harrison, Letona, Ark.

Rich Bottom Land.—Three one-acre lots, all in cultivation; one acre in orchard and berries, balance adapted to general farming; three-room house. Is located in Bellefonte, Ark. Price \$600. J. C. Brown, Bellefonte, Ark.

Farm and Merchandise Store.—Twenty-six acres of good land near Jonesboro; five-room house, good barn, store of general merchandise. Price \$5,500. J. P. Lamb, R. 2, Jonesboro, Ark.

Alfalfa and Poultry Farm.—Eighteen acres; eight acres bottom land, 10 acres woodland, 6½ acres in alfalfa, eight acres in garden truck; four-room house, barn and poultry house; 120 white leghorns, Jersey cow and calf. Located in Boone county. Mrs. W. J. Blaslgame, Everton, Ark.

Improved Farm.—Eighty acres of black sandy loam, red clay subsoil; 35 acres cleared and fenced, all in cultivation; three-room house and outbuildings; four miles east of Paragould. Price, \$3,600. M. J. Hayden, R. 6, Paragould, Ark.

Modern Farm Home.—Twenty-one acres in Marshall, Ark., all fenced and cross-fenced; four-room house with electric lights; family orchard. Will exchange for hotel in northwest Arkansas. Price, \$3,500. M. L. Crow, Marshall, Ark.

Pope County Farm.—133 acres; 100 acres in cultivation, near good schools and churches; land is good for general farming. Price \$5,500, cash, \$3,500; balance on terms. W. W. Hubbard, Gumlog, Ark.

Eighty-Acre Farm in the Ozarks.—Forty acres in cultivation, 40 in timber, some orchard. Price \$2,500. Terms on part. A. N. Keith, Bentonville, Ark.

Sixty Acre Farm.—Forty-five acres in cultivation, very productive and well drained, fine for cotton, corn and alfalfa; two dwelling houses and new barn; on county road; two miles from school and college. Price, \$7,000, easy terms. Dr. J. H. Campbell, Joiner, Ark.

Sharp County Farm.—Sixty acres; 30 acres in cultivation, 40 acres under fence; free range, good springs, house and barn. J. P. Lowery, Poughkeepsie, Ark.

Homeseekers Who Want to Buy Arkansas Farms.

Lester Albert, Box 43, Missoula, Mont., makes inquiry about land for stock raising and general farming in Baxter county.

E. H. Mottinger, Tracy, Minn., is considering making Arkansas his home. Niles G. Mae Vey, 1628 Hammond Ave. Superior, Wis., is looking for land more reasonable in price than it is in Wisconsin.

G. H. Wilson, Woodston, Kan., is interested in southwest Arkansas.

H. B. Johnson, Welch, W. Va., wants to know about the land Arkansas has to offer the homeseeker.

"Please send me information on the agricultural possibilities of your state," writes H. A. Keith, Ajo, Ariz. He has been furnished a complete line of our literature.

Perry Byers, Bevier, Ky., wants a good farm and prefers upland where corn may be grown successfully.

Chester Snider, 1621 Fletcher St., Anderson, Ind., asks for information about state land within a radius of 50 miles of Little Rock.

Information about the uncultivated lands of the state has been sent to Valentine Zuber, Box 143, Saragosa, Texas.

Max Fehr, Valois, P. Q., Canada, is interested in buying a farm where he can engage in raising poultry and stock and growing fruit.

Eric N. Williams, Amity, Ark., makes inquiry about bottom lands of the state, and if any are subject to homestead.

Descriptive literature on the crops and soil has been furnished N. E. Greten, Rattlesnake Buttes, Colo., who expects to purchase a farm in Arkansas next fall.

E. E. Brown, Hindsville, Ark., is interested in Polk and Montgomery counties, and would like to move to this section and engage in stock-raising and general farming.

R. W. Warwick, 316 Y. M. C. A., Moline, Ill., makes inquiry about small farms in the Ozarks, preferably in Garland and Montgomery counties.

A. R. Spence, R. F. D. No. 3, Bowdon, Ga., says "I would like to have some data on the farming and timber interests of your state and on Polk county in particular."

W. S. McCown, Route A, Elsie, Neb., wishes to purchase a tract of land in this state and do farming on an extensive scale. He is especially interested in Benton, Washington and White counties.

"I would like to get all the information I can about your state. Am looking for low-priced land," writes J. W. Fields, R. F. D. No. 6, Carroll, Iowa.

Literature has been sent D. T. Day, 12 Cleveland Ave., Montgomery, Ala., who wants to know about the state lands for sale in Arkansas.

"I am interested in getting back in some good part of Arkansas and would like to get prices of some good farms," says G. E. Pittman, 4119 Baltimore Ave., Kansas City Mo.

J. A. Mills, 4017 Madison St. Chicago, Ill., requests information about Baxter county.

H. Pahl, Eolia, Mo., is looking for a farm in the Ozarks where wheat and corn may be grown successfully.

Harry Garver, 709 South Wall St. Crawfordsville, Ind., makes inquiry about the homestead land in Arkansas.

"I am considering purchasing a poultry farm and would like more information about Arkansas as a place to raise poultry," writes John H. Miller, 6006 Eberhart Ave., Chicago, Ill.

Wm. Robertson, Blinford, N. D., requests descriptive literature on north and central Arkansas.

John Z. Fortier, Route 7, Box 79, Royal Oak, Mich., wants to locate where he can combine farming with some other profitable occupation.

W. P. Weaver, Field Agent, U. S. Department of Agriculture, Medina, Ohio, would like to communicate with some large farming company requiring the services of well trained men.

Wm. Hearn, Route 2, Box 8, Monroe, Mich., requests information about government lands in this state.

"I desire to buy a small place from 10 to 20 acres, with some fruit, a house with at least three rooms, good water, healthful location and good neighborhood. Northwestern Arkansas preferred." J. A. Ross, Box 183, Belle Fourche, S. D.

W. H. Ostrander, Gen. Del., Detroit, Mich., wants to locate in Arkansas and requests literature that would be of assistance in the selection of a home.

A. D. Smith, Box 634, Woodward, Okla., would like to know the price of farm land, the kind of soil and what is produced in this state, as he is thinking of making his home here.

Arthur J. Estabrook, 559 South 4th St. Aurora, Ill., asks about farm values in the Grand Prairie section, also the agricultural conditions.

"I am thinking about buying a farm in northwest Arkansas and would like to hear from people having from 75 to 200 acre farms for sale." E. D. Ross, South Pittsburg, Tenn.

Wm. Esche, Bath, S. D., is desiring a change of location, and writes for information about farming in Arkansas, Joseph Filko, 1042 South Chicago St. Kenosha, Wis., requests literature about homestead land.

C. J. Pratt, Supply, Okla., would like to purchase a small, improved farm in Washington or Benton county, and inquires about the price of land, character of soil, kinds of crops grown, marketing facilities and health conditions.

J. Q. Adams, Box 710, Minden, La., is particularly impressed with Logan county and would like to know more about the land in this section.

D. W. Ross, Aberdeen Hotel, Kansas City, Mo., asks for bulletins describing the Ozark region, especially the out-over lands of Yell and Perry counties. He is interested in fruit growing, stock raising and dairying.

E. J. Gouveia, 92 Augusta Ave. Pontiac, Mich., requests statistics about Arkansas land values.

"I would like to have information about Arkansas as to water, health, climate, etc.," writes John Bertram, Achilles, Kan.

R. A. Morris, Zwolle, La., has received literature about homestead lands in this state.

W. H. Snyder, Route 1, Box 98, wants information about unimproved lands for sale in Arkansas. A place where fruit could be grown, near a railroad town, would suit him.

"Please send me bulletins on agriculture in Arkansas, homestead or settlement lands and marketing conditions of farm products." H. D. Maloch, 1736 G Street, N. W., Washington, D. C.

H. H. Parrish, Litchfield, Ill., writes for descriptions of Baxter county lands.

E. J. Bruder, 2213 Farragut Ave. Chicago, Ill., is interested in farm lands of southwest Arkansas.

A. V. Purdue, Station 2, Ashland, Ky., has received a full line of literature describing agricultural conditions in this state.

A. Callihon, Liverpool, Tex., asks for bulletins about agriculture in Arkansas, also a list of farm lands for sale.

G. Grosz, Route 1, Letcher, S. D., inquires if mixed farming is successful in north Arkansas. He states that a number of families are thinking of coming to Arkansas where the climate is warmer.

Stephen Jakob, 664 West St., Kenosha, Wis., wants to obtain a tract of government land in this state.

"I desire to locate in Arkansas and would like information describing the state geologically and agriculturally. There are many people I can induce to locate where I do." T. J. Carlin, 2626 Glasgow Ave., St. Louis, Mo.

R. Peek, Box 482, Heavner, Okla., asks for information in regard to agricultural, mineral and grazing lands in this state.

J. R. Chase, Frederick, S. D., who is interested in northwest Arkansas, has received a full line of our literature.

"I would like to get information regarding agricultural possibilities of Arkansas and state lands." Chas. H. Petri, 1306 West 5th, Austin, Tex.

E. C. Martin, Wheatecraft, Ky., who expects to return to this state, has been furnished descriptive literature.

"Could you tell me where there is 200 or 300 acres of cheap land for sale in the Ozarks, not cleared or under cultivation." Geo. R. Briner, Shidler, Okla.

L. J. Grove, Box 11, White Haven, Tenn., is thinking of buying a farm in Arkansas.

Herbert E. Rudd, Belpre, Kan., is interested in dairying and makes inquiry about Benton and Washington counties.

"I am thinking of locating in Arkansas and would like to receive descriptive literature." L. M. Swank, 907 N. State St. Chaney, Kan.

John Kunston, Box 76, Laporte, Minn., wants a farm in the Ozarks.

Information has been sent to I. Har-ralson, Roseburg, Ore., who is thinking of purchasing a farm in this state.

A. H. Bozman, in care G. S. Bozman, Oswego, Kan., expects to locate in Arkansas in the near future and asks for information regarding the crops, climate, rainfall and land.

Elwyn E. Mew, Box 188, Wynona, Okla., inquires about Arkansas farms as he and several friends want to move here soon.

"I want to locate in your state and go into cattle business," writes Don Burnes, 618 Mystic St. Canon City, Colo. He is particularly interested in Sevier county.

Henry O. Peterson, Route 1, Box 78, Clear Lake, Minn., would like to take up a homestead or purchase a farm in Arkansas.

"I am leaving California for Arkansas in June or July, to purchase a farm and would like to hear from owners of farms for sale in northern, western and central Arkansas." M. B. Seaman, 335 York St. Valleyjo, Cal.

Wm. T. Hopper, Ft. Snelling, Minn., requests information on homestead land, soil fertility, and weather conditions during winter months in Arkansas.

S. H. McGrew, Box 152, Roxton, Tex., requests information as to whether homestead land can be had near schools and markets; he is especially interested in the Ozark mountains, its conveniences, and whether or not the mineral and oil rights go with the land. Anyone who can furnish him this information send price and terms.

K. N. Smith, 1101 Lake Ave. Fort Wayne, Ind., is particularly interested in a small tract of land, not over 150 acres, adapted to general farming and stock raising. Will have to be reasonably priced and obtainable on easy terms.

Can a tract of homestead land suitable for stock raising be had in either of the following counties: Boone, Carroll, Marion, Baxter or Benton? Is a question asked by Geo. Bourland, Box 83, McLean, Texas.

A prospective homeseeker requests information regarding climate and rainfall. He would like a few acres of land suitable for growing fruit, poultry, rabbits and hogs if there is a good local market for same. He desires a location free from chiggers. Another man wishes to locate in Arkansas and engage in the rooming house business. Send information concerning both parties to J. K. Parker, 3300 Ave. L, Fort Worth, Tex.

George McFerron 303 S. Quaker St. Tulsa, Okla., is interested in homesteading land in Arkansas.

Chas. H. Young, Molt, Mont., has requested information concerning the state.

"I am especially interested in Newton county and the southern part of Arkansas." Please send information. C. A. Sullivan, Hamburg, Mich.

"I would like to be informed about the climate, rainfall and general crops in the Ozark region of Arkansas." Frank Brown, R. 1, Drummond, Wis.

"Please send me information about government land in Arkansas. I am planning to locate there." E. F. Scoles, R. 3, Jasonville, Ind.

Clyde Kunkel, Zap, N. D., is planning to move to Arkansas this year, and de-

sires a healthful location and mild climate. He would like to buy a farm.

C. T. Llewellyn, Kahoka, Mo., writes for information about land in northern Arkansas, especially near Vendor, in Newton county. He asks the following questions: What is the price of unimproved land? What crops is the soil adapted to? Can sheep be made profitable in that country? Is the land suitable for general farming and grazing sheep?

Fred Harker, Ozone, Ark., wants a position in the nursery, canning factory or cooperage plant.

R. C. Craig, 3621 Travis Ave. Dallas, Texas, wants to trade about \$3,000 worth of property for a good farm in Arkansas.

Karl Venrick, Fairhope, Ala., asks about Yell and Logan counties.

Walter T. Aner, 978 N. Union St. Decatur, Ill., is a former service man, who wants to know about land open for settlement.

J. F. Buckman, 213 S. Elm St. McPherson, Kan., is a prospective homeseeker.

W. S. McCown, R. A., Elsie, Neb., wants information about land in Benton, Washington and White counties.

Frank Brahetz, 5354 Magazine St. New Orleans, La., asks about the White river section.

J. L. Sawyer, R. 5, Box 26, Georgetown, Tex., is interested especially in Washington county.

H. D. Saint Cyr, 1738 West 25th St. Los Angeles, Calif., wants to make his home in Arkansas.

Lee Bolin, Box 105, Hale Center, Tex., has a friend at Gillham, Ark., who has got him interested in Arkansas.

C. L. Holland, R. Grandin, Mo., wants to locate in a community that needs a cheese, peanut butter, pickle or preserve factory.

Want enough share croppers or renters to work 200 acres. W. L. Overton, Rison, Ark.

O. B. Huston, Box 181, Topeka, Kan., wants to buy some good strong land; not particular where it is located just so the soil is rich.

Seeds and Plants For Sale

Porto Rico seed sweet potatoes, \$2 per bu. f. o. b. railroad; Spanish peanuts, \$2 per bu.; whippoorwill peas, \$3 per bu. J. F. Reed, Turkey, Ark.

Excelsior, Klondike and Aroma berry plants at reasonable price; cash or will trade for anything useful on farm. J. C. Roberts, Route 1, Box 100, Judsonia, Ark.

Spanish peanuts hand picked, 1922 crop, for quick sale 4½ cents per lb. f. o. b. O'Neal. C. E. Rudisalle, Route 1, O'Neal, Ark.

Cantaloupe seed, picked from good melons; 50 cents a pound. J. W. Cole, Emmet, Ark.

Velvet beans, carlots and less, early speckled 90 day runners, \$1.75 per bu.; bunch \$2.25 per bu.; Oceola running \$2.25 per bu.; White Chinese running \$3 per bu.; all sacked in 2½ bushel burlap bags, f. o. b. this point. C. E. Stephens, Alexandria, Ga.

King Humbert Cannas, 10 cents; Everbearing mulberry trees, 25 cents; plum trees, 10 cents; black walnut trees, 25 cents; violets, 25 cents per dozen; golden glows, 5 cents; Shasta daisies, 5 cents; honeysuckles, 5 cents; verberna pinks, 5 cents. Hollyhurst Plantation, Jones, La.

Ten bushels of good white seed corn. W. A. Milam, Route 1, Conway, Ark.

Mammoth White seed corn for sale, \$2 per bu., good yielder and drought resister. R. H. Toll, Route 1, Hazen, Ark.

200 bushels Weber's 49 pure cotton seed; will exchange for turkey pullets, bronze preferred. B. F. Wood, Route 1, Box 42, Perry, Ark.

Staple cotton seed from Lightning Express and Delta Type Webber. Arnold Huenefeld, Gregory, Ark.

Early red sweet potato plants. D. O. Friend, Bonnerdale, Ark.

Would exchange shrubbery and flower seed for different varieties; would like an old time bush honeysuckle and crepe myrtle. Mrs. Maud Green, Hardy, Ark.

Lespedeza seed—A No 1 pan caught, new crop free from obnoxious grass seed, wire or write T. N. Cassanova, County Agent, Calhoun City, Miss.

Silver Drip cane seed, 4 cents a pound; seven top turnip seed, 25 cents a pound. W. P. Waters, Pyatt, Ark.

Rowden Planting cotton seed makes good turnout at gin; good sound, early picked; guaranteed. J. T. Faulkner, Route 1, Box 156, Jonesboro, Ark.

Aroma strawberry plants, \$3 per thousand. Roy Whitney, Garfield, Ark. Choice re-cleaned 1922 crop Lespedeza seed; write for quotations. Lespedeza Seed Growers Co-operative Association, Inc., Baton Rouge, La.

Tom Watson watermelon seed, 75 cents a pound; Rocky Ford cantaloupe seed, 80 cents a pound. F. P. Owens, Bingen, Ark.

Mung beans in packets for 50 cents; will grow anywhere and produce a ton to the acre. Dave B. Miller, Route 6, Box 111, Pine Bluff, Ark.

Apple grafts made to your order; can furnish almost any of the leading varieties; write for prices. Lankford Nursery, Bergman, Ark.

Groft and Clay peas—1,000 bushels. T. L. Nichols, Parkdale, Ark.

Boloxi Soy beans, price on request. W. A. Daniels, Dermott, Ark.

Aroma strawberry plants, \$3 per 1-000 ready for shipment, guaranteed. R. M. Doke, Route 3, Garfield, Ark.

For 10 cents will mail 10 packets of seed, viz; tree tomato, dwarf variegated cockscomb, ornamental pepper, cosmos, everbearing, calliopsis, snap dragon, delphinium, koehia, surprise package. B. E. Shreve, Route 2, Des Arc, Ark.

Flower seeds—Zeni, globe amaranthus, marigolds, hollyhocks. Garden seeds—Lettuce, Early Scarlet radishes, White Velvet okra, Pop Corn; 5 cents a package. William S. Lincoln, Huddleston, Ark.

Seeds Wanted

A few bushels of artichokes. T. W. Kendal, Hartman, Ark.

A few bushels of old fashioned black oats. J. D. Doyle, Walnut Ridge, Ark.

Two bushels good seed corn, shoe peg type. J. L. Edwards, Bellefonte, Ark.

J. H. Estes, Route 4, Box 118, Greenwood, Ark., wants plants of the Purple Yam or Nigger Choker sweet potato.

Sheep nose or apple boll cotton seed. B. F. Wood, Route 1, Box 42, Perry, Ark.

Want to exchange three bushels of Webber 82 cotton seed for three bushels of Trice seed. Ben Sugg, Route 1, Lonoke, Ark.

Home grown Trice cotton seed for planting. J. C. Howerton, Route 2, Box 23, Bonnerdale, Ark.

Star Root, Star Grass root, prime dry quality; we are paying highest cash price for all kinds of roots, herbs and barks. Southwestern Crude Drug Co., Inc., Bristol, Va.

Would like to hear from persons having the genuine early harvest blackberry plants for sale. B. Bindley, Harrison, Ark.

Home grown Acala No. 5 cotton seed; also some home grown Reids Yellow Dent seed corn. W. L. Sheer, Route 1, Bald Knob, Ark.

Acala and Triumph cottonseed. J. H. Morgan, Alicia, Ark.

Position Wanted—On farm, am 19 years old, sober, do not smoke; prefer position near town. References furnished. H. S. Gibbs, Marble, Ark.

Toggenberg buck. C. W. Anderson, Witter, Ark.

Two Big Type Poland China gilts. C. W. Anderson, Witter, Ark.

Miscellaneous for Sale

Small quantity left of fancy evaporated apples, \$4 for 50 lbs. Box delivered to station, Farmington. M. A. Dorman, Farmington, Ark.

Good complete sawmill, just the thing for making railroad ties; one 20 horsepower oil burning Fairbanks Morse engine. R. H. Toll, Route 1, Hazen, Ark.

Boy Wanted—I want a boy between 10 and 12 years old; a boy that wants a good home; will clothe him nice and furnish a good home. L. B. Ramsey, Flag, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Jersey male, full blood but not registered. Warren Johnson, Mayfield, Ark.

Registered Jersey bull, three-years old; Tormentor blood; extra fine individual; gentle and sound. L. W. Forbes, Hackett, Ark.

Coming three-year old registered Tormentor Jersey bull; price \$100. Wm. S. Lincoln, Huddleston, Ark.

Four Jersey heifer calves, two bulls, four springers and two yearling heifers; at low price on account of leaving state. C. D. Allison, Harrison, Ark.

Shorthorn, Scotch and Scotch-topped, 30 to 40 head. Joe Garrett, Harmony, Ark.

Hereford bull, registered; also two registered cows. Dick Gaylor, Gaylor, Ark.

Registered Jersey bull, Stockwells Noble King, No. 213545; sire, Petunes Nobles Major No. 161905; dam, Lady Coomassie Stockwell No. 435045; one year old, solid color, black tongue and switch. Price \$50. C. C. Ball, Raven-den, Ark.

Two year old Jersey bull. Bliss Hudson, Jasper, Ark.

Roan Shorthorn bull calf, 8 weeks old, pure-bred, not registered. \$25. W. A. Van De Mark, Lamar, Mo.

Cattle Wanted

Wanted:—Good Holstein bull about one year old. J. D. Doyle, Walnut Ridge, Ark.

Hogs for Sale

Poland China pure-bred; one sow 18 months old, weight 300 lbs.; one gilt 10 months old, weight 20 lbs. Both ready to breed for spring farrow. Six pigs five months old. Clarence Suggs, Route 1, Lonoke, Ark.

Big Type Poland China pigs from blood lines, Iowa Wonder 394299, Liberator 448047, Big Bone Gerstale 376677, a combination of the three best blood lines known. Price all right. J. G. Cecil, Olvey, Ark.

Registered Hampshire Boars about two years old. Price \$50 each, f. o. b. Carlisle, Ark. Will furnish papers with each. John Benson, Carlisle, Ark.

Registered Poland China Boar, will be three-years old July 1st; weight 600 lbs. Price \$35 f. o. b. Batesville. G. W. Thompson, Batesville, Ark.

Poland China breeding hogs. J. F. Barbee, Monticello, Ark.

Pure-bred Poland China male, two and one-half months old, price \$20 or will exchange for ten bushels of whippoorwill peas or soy beans. S. D. Pruitt, Route 2, Lexa, Ark.

Duroc male, subject to register, weight 300 lbs; price \$22.50. R. H. Leavell, Dover, Ark.

Registered Hampshire pigs, either sex. Marvin Head, Route 4, Rogers, Ark.

Big Bone Poland China pigs from 600 lb. sire and 450 lb. sow, \$7 each. John Whitaker, Route 1, Prairie Grove, Ark.

Animal Husbandry Department, College of Agriculture, Fayetteville, Ark., has six big type pure-bred Duroc Jersey bred gilts, 10 to 12 months old, for sale at \$35 each. These gilts are bred for March farrow; also pure-bred Duroc Jersey and Poland China gilts; 4-6 months old, weighing 75-125 pounds each, for sale at \$15 to \$25 each. Special prices made on lots of three or more.

Registered Hampshire Boar one-year old. Will sell at a sacrifice. W. A. Daniels, Demott, Ark.

Tried Registered Poland China sow. Mrs. T. E. Batehlor, Route 1, Box 52, Dumas, Ark.

Twenty bred Duroc gilts for sale, bred to Sensation and Colonel boars, prize winners at Springfield, Mo., last fall. Also fall pigs. Price right. Elli Duncan, Fayetteville, Ark.

Poland China from best herd in state. Won 22 prizes in 1921-22 at State Fair. Size with quality; bred sow and bilt; service boars and weaning pigs. Chas. E. Treece & Sons, Paragould, Ark.

Registered Hampshire hogs; boars ready for service, \$15; gilts, \$12.50 to \$20 each. F. P. Owens, Bingen, Ark.

Registered Duroc Jersey gilts and boars, 7 to 8 months old. \$15.50 to \$20. L. W. Owens, Route 2, Bingen, Ark.

Four big type Black Poland China sows; extra good and all prize winners. One cost \$235, and is the dam of the other three, sired by 1,100 lb. boar. All have been bred. Price \$50 each to close out. Barbee Stock Farm, Monticello, Ark.

Hogs Wanted

Wanted:—Two bred sows or gilts, pure-bred little bone Berkshire breed. J. L. Edwards, Bellefonte, Ark.

Feeder Hogs for Sale

C. T. Overby, Chicot, Ark., can furnish several cars of good feeder hogs.

Titus & Foote, Hamburg, Ark., can furnish a number of loads of feeder hogs if given several days notice for assembling. This farm can supply untreated hogs or immune hogs.

Will Milos, Monticello, Ark., has for sale two cars of feeder hogs weighing from 65 to 150 pounds. These hogs are ear-marked, but are good grade hog, not the average woods type.

Horses and Jacks for Sale

Saddle mare, jet black, gentle. Natural fox trot, weight about 900 pounds. Blue ribbon winner. Price \$150. G. W. Thompson, Batesville, Ark.

Big registered jacks for sale, cash or terms. Harry N. Bell, Texarkana, Ark.

Registered Percheron Stallion, Boncor, color dark gray, 15½ hands high; 7 years old; weight 1,500 pounds. Price \$500 cash or would trade for coming two year old steers. W. V. Pannell, Eros, Ark.

Three fine jennets, black with white points, best bred stock in northwest Arkansas, of Rogers Sampson and Linwood stock also R. O. Hannah and "Taxpayer" stock. Would consider registered Duroc hogs or Red Polled cattle. Russell Gilbreath, Summers, Ark.

Mules—33 head for sale from two to three years old; one team dapple gray horses, six years old, well matched; 12 horses and fillies; 50 head of cattle; 70 head of hogs; 265 goats. H. H. Ball, Route 1, Box 40, Japton, Ark.

For Sale or Trade:—One black Spanish jack; will be three years old June 4th. Will trade for Ford car if in good condition. S. W. Boyd, Route 1, Box 92, Bald Knob, Ark.

Registered jacks worth \$1,000, will sell for \$300. Tried jacks whose colts have sold as high as \$135 at 5 months old. B. E. Patton, Harrison, Ark.

Goats and Sheep for Sale

Registered Angora buck for sale or exchange. Warren Johnson, Mayfield, Ark.

Common goats, 48 head, mostly breeding nannies; \$1 each if taken at once. R. E. Leavell, Dover, Ark.

200 head Angora and 25 head Toggenburg milk goats, at \$3 per head. B. W. Walker, Paraloma, Ark.

Several 31-32 pure Toggenburg milk goat buck kids, from exceptionally heavy milking dams; perfectly marked, no horns, large and vigorous for age, priced at \$25 each; also some good native does bred to pure-bred registered Toggenburg buck at \$10 each. Oakdale Goat Ranch, Wareagle, Ark.

Poultry for Sale

Regal Doreas strain White Wyandotte eggs; \$1.25 per 15; \$2 per 30; satisfaction guaranteed. Mrs. Avery Allen, Macon, Mo.

Dark Brown Leghorn eggs; \$1.50 per 15. Mrs. O. T. Beck, P. O. Box 128, Washington, Ark.

M. B. Turkeys—Toms 18 months old, 29 to 34 lbs., \$18 to \$20; spring toms \$12.50 to \$15. Hens \$10. Prize winners; will pay for themselves in one year by giving weight and color to any flock. S. E. Martin, Franklin, Ark.

Three Barred Rock cockerels, \$5 each from \$25 Holterman bird; eggs \$2.50 and \$5.00 for 15. Mrs. F. C. Galbraith, Route 1, 55 Henderson Ave. Hot Springs, Ark.

Jersey Black Giant eggs for setting; \$5 and \$7.50 per setting of 15, delivered. Jersey Giant Farm, Breau Bridge, La.

Single Comb Brown Leghorn eggs for hatching; \$1 a setting of 15, or \$5 per 100 eggs. D. E. Neuhart, Route 1, Charleston, Ark.

S. C. White Leghorn year-old hens, guaranteed; price \$1.85 each or \$21 per dozen; also a few choice one year old cockerels, \$2.50 each. Choice Barred Plymouth Rock cockerels; price \$2.50 each or \$4.50 for two. Mrs. Telia Stewart, King Mills, Ark.

Fine thoroughbred English White Leghorn cockerels from prize winners; \$3 f. o. b. Emmet, Rhode Island Reds the same price. Boyd Bros. Route 1, Box 127, Emmet, Ark.

S. C. White Leghorns, \$2 for 15 eggs; Barred Rocks, \$2 for setting; White Rocks, \$2.50 per setting. Fertility guaranteed. Leghorn Chicks, 25 for \$5; 50, \$9.50; 100 for \$18. Barred Rocks, 25 for \$5.50; 50 for \$10; 100 for \$20; White Rocks, 25 for \$6; 50 for \$11.50; 100 per cent live delivery guaranteed. Every hen on our farm trapested and only best producers go into our breeding pens. Eggs; cash with order; chicks, deposit of 25 per cent. Cedar Crest Farm, Route 6, Box 108, Pine Bluff, Ark.

White Leghorns, English and American; good laying strains; \$1.25 per setting of 15 American; English \$1.50. R. L. Whitaker, Route 1, Box 3, Prairie Grove, Ark.

Eggs from a choice yard of single comb Rhode Island Reds; well culled and bred to lay; also White Indian Runner ducks. \$1.50 per setting. P. R. McBride, Lebanon, Mo.

Allens Active Anconas; cockerels, \$2.50; hens, \$1; eggs, \$7 per 100; chicks, 20 cents each. Satisfaction guaranteed. Mrs. Avery Allen, Macon, Mo.

Two fine Peafowls; one 4 year old hen and one 5 year old cock. Price \$30. L. W. Forbes, Hackett, Ark.

Barred Rock pullets; good layers, from last spring's special mating; \$1.50 each; two cockerels same price. Robt. R. Taylor, Smithville, Ark.

Some choice Ancona cockerels for sale; also eggs, \$1 per setting; \$5 per hundred; baby chicks, \$15 per hundred in season. Mrs. H. S. Edster, Route 1, Rogers, Ark.

Full blood Buff Orpingtons for sale. Eggs from select laying stock, \$1.50 per setting of 15. Mrs. W. H. Garner, 2822 W. 13th St. Little Rock, Ark.

Pure-bred Barred Rock hatching eggs; \$1.50 per 15; \$2.50 per 30; \$7.50 per 100. Mrs. W. A. Van De Mark, Route 5, Box 18, Lamar, Ark.

S. C. Black Minorca cockerels, \$1.50 each. E. Carver, Smithville, Mo.

Barred Plymouth Rocks—Eggs \$2 per 15, and \$6 per 100. Mrs. E. L. Landtroop, Box 303, Siloam Springs, Ark.

S. C. White Leghorns bred to lay; eggs, from \$1 to \$3.50 per setting. H. E. Gamble, Blue Mountain, Ark.

Pure-bred single comb dark brown Leghorn hatching eggs. Write for mating list now ready. C. C. Heineck, Fayetteville, Ark.

S. C. Reds that are red. My flock this year is headed by cockerels from H. B. Lansden's strain of reds. You can't make a mistake in buying from me. Eggs, \$1.50 per 15; \$2.75 for 30. Day old chicks 25 cents each. Order early to avoid the rush. Cash must accompany orders. Satisfaction guaranteed. Mrs. Wash Jones, Vilonia, Ark.

Single comb Rhode Island Reds, bred for eggs and color. All eggs from trapested hens with good laying records. Per setting \$1.50 postpaid. Mrs. Nella Vawter, Berryville, Ark.

S. C. Brown Leghorn, Russell Strain eggs; \$1 for 15; \$5 for 100, postpaid. Clarence Young, Route 1, Box 46, Waldron, Ark.

Leghorn cockerels and eggs for hatching; also pure-bred Barred Plymouth eggs for hatching. W. Lee Been, Route 1, Box 40, Greenwood, Ark.

Eggs for hatching from exhibition and pedigreed Ancona mating; a few good Ancona cocks for sale; also White Leghorn and Columbian Wyandotte eggs. Walter Bros., Sulphur Springs, Ark.

Silver Wyandottes for sale, eggs \$3 for 15, postpaid. S. C. White Leghorns, eggs, \$5.50 for 15, postpaid. Lewis T. Sanders, McNeil, Ark.

Extra fine Silver Spangled Hamburgs; roosters and cockerels at a bargain, \$1.50 each; 2 birds for \$2.75; will ship promptly. Mrs. Will Sudmeyer, Route 1, London, Ark.

White Orpington, Buff Orpington and Black Minorca hens, \$1.50 each. Eggs 75 cents per 15. Write for prices on open range. A. R. Hall, Pea Ridge, Ark.

Buff Leghorn pullets, \$15 per dozen; April hatched eggs \$5 per 100; baby chicks, \$12.50 per 100. Mrs. Lark Cloe, Route 3, Bentonville, Ark.

Pure-bred S. C. Rhode Island Reds; Frank Foy strains of Clinton, Iowa. Eggs, \$1.50 per 15. Mrs. Lerline Harrison, Pangburn, Ark.

Eighteen S. C. Rhode Island Red hens, May-June hatch, \$1.50 each; two cockerels, \$1.50 each. Mrs. J. H. Branscum, Route 2, Berryville, Ark.

Thoroughbred Buff Leghorn cockerels, Miller Strain, \$1.50 each. A. C. Ashabanner, Route 3, Box 104, Blytheville, Ark.

S. C. Rhode Island Reds, Heavy laying strain. Eggs \$2 per 15; \$3 per 50; \$8 per 100. Hens and cockerels, February hatch, \$2 each. Mrs. K. Eidson, Route 4, Springdale, Ark.

Ancona roosters and six White Leghorn hens, will trade or exchange for Poland China pig. L. B. Ramsey, Flag, Ark.

R. C. Rhode Island Whites; cockerels and hatching eggs. Robt. F. Crow, Lebanon, Mo.

English White Leghorn, Barron Strain; eggs per setting of 15, \$1.50; baby chicks in season \$15 per 100. J. G. Cecil, Olvey, Ark.

Pure-bred Ancona eggs, \$1.25 per setting. Mrs. Fanny McGaughey, Olvey, Ark.

S. C. Brown Leghorn hens 75 cents; cockerels \$1. S. C. White Leghorn cockerels \$2.50 each, Ferris strain. S. E. Martin, Franklin, Ark.

Bronze turkeys, per pair, \$12; toms alone, \$7; hens alone, \$6. Mrs. Willie Williams, Franklin, Ark.

Pure-bred 260-300 eggs English White Leghorns, Brown Leghorns, Barred Rocks, Rhode Island Reds. Hatching eggs \$1.50 per setting; \$8 per 100. postpaid. Sunnyside Farms, Route 2, Box 52, Alexander, Ark.

R. I. Reds, large size, good under color; eggs, 15 for \$1.50. Batchelor Farm, Dumas, Ark.

S. C. Ancona eggs, fertility guaranteed; Sheppards strain, Mrs. L. C. Parker, Route 2, Gentry, Ark.

Want to trade my pure-bred White African guineas for pure strain Barred Rock or Rhode Island Red hens. Mrs. L. E. King. L. B. 455, Corning, Ark.

White Wyandottes, Regal Dorcas strain. Eggs, \$2 per 15, or \$10 per 100. John Orrell, Route 2, Box 4, Green Forest, Ark.

S. C. Brown Leghorns certified stock; eggs for hatching \$1.25 for 15, postpaid. T. C. Harris, Route 2, Greenwood, Ark.

Hatching eggs from Rose Comb Rhode Island Whites, \$2 per 15; \$5 per 50; \$9 per 100. Mrs. J. R. Bentley, Gentry, Ark.

S. C. Rhode Island Red eggs from best laying strain, \$2.50 per 15; \$8 per 100. Mrs. J. A. Sanders, Route 6, Box 102, Fayetteville, Ark.

S. C. Buff Orpington eggs, 15 for one dollar. W. W. Horton, King Mill, Ark.

S. C. Brown Leghorn cockerels. Write for prices on hatching and breeding stock. J. T. Faulkner, Route 1, Box 156, Jonesboro, Ark.

S. C. Rhode Island Red eggs at \$1.50 per setting. Mrs. Cora McCrady, Rec-tor, Ark.

Barred Plymouth Rock eggs for hatching, \$1.50 for 15. Satisfaction guaranteed. Mrs. S. V. Gullett, Alpin, Ark.

Eggs from prize winning Barred Rocks, Silverlaced Wyandottes and large black Minorcas. 75 cents and \$1 per setting if taken at residence. Mrs. Eva Watson, Pea Ridge, Ark.

S. C. White Leghorn eggs \$1 per 15, or will exchange for M. B. Turkey eggs. Mrs. D. C. Davis, Route 1, Pang-burn, Ark.

Selected eggs for hatching from fine S. C. English White Leghorns, \$1.50 for 15. M. C. Reid, Casa, Ark.

Prize winning Barred Rocks. Eggs, \$1 per setting of 15. Mrs. Joe Head, Route 4, Rogers, Ark.

White Wyandotte eggs for hatching, \$2 per 15, postpaid. S. C. White Leghorn eggs, \$1 per 15; chicks, 15 cents each. Emma Patton, Harrison, Ark.

The first to send \$5 gets my pair of White Muscovy ducks express prepaid anywhere in Ark. R. E. Heath, Chickalah, Ark.

S. C. White Leghorn cockerels, March hatch, \$3 each; eggs for hatching, \$2.50 per 15, or \$10 per 100. Mrs. Doars Hilton, Route 2, Box 112, Eureka Springs, Ark.

Two fine S. C. White Leghorn cockerels, \$2 each. White Leghorn hatchings eggs, \$1.50 per 15; S. C. Minorca eggs, \$2 for 15; Minorca chicks hatched to order. W. W. Rhoads, Carlisle, Ark.

Poultry Wanted

Cuban Red Games; no high priced fighting stock, but good chickens for utility. Mrs. E. A. Stanfield, Route 2, Rudy, Ark.

Miscellaneous for Sale

Booking orders for fine Airdale pups. Walter Bros., Sulphur Springs, Ark.

Decring binder to trade for sawmill outfit. T. W. Kendall, Hartman, Ark.

Forty horsepower steam boiler and 35 horsepower engine to trade for extra heavy duty oil engine. T. W. Kendall, Hartman, Ark.

Gin outfit—Am quitting business and want to sell or trade for lumber; three 60-saw plain Pratt gin saws and ribs, hullers, fenders, fans, etc., with self-tamping steam press. T. W. Kendall, Hartman, Ark.

One pair of good tree hounds reasonable price. R. B. Hopper, Hopper, Ark.

Three cars rice straw, \$4.50 per ton, f. o. b. cars here. R. H. Toll, Route 1, Hazen, Ark.

Pair of six-months old pups that I would sell or trade for good fox dog. Sid Moore, Dover, Ark.

Real farmers to locate at historical town of Tulip, 480 ft. above sea level, good school and splendid roads, good water. C. C. Caughman, Tulip, Ark.

Home dried apples, cored quartered and sun-dried. 20 lbs. for \$3 postpaid; also yellow and white narcissus bulbs, 25 cents a dozen, chrysanthemums, red, yellow and white, 15 cents each. Annie Brown, Lowell, Ark.

Will sell or trade for good Ford car, one 8-horsepower Witte Engine, one 18-in. corn burr, with cleaver and bolt-er, one crusher complete with line shaft and belting, in first class running order. W. W. Hubbard, Gumlog, Ark.

English and Fitch ferrets, trained; males, \$3; females, \$4; pair, \$6.50. Thos. L. Sellars, New London, Ark.

Hound pups ten-months old, untrained, \$25; four Shepherd pups one-month old, \$5 and \$10. Frank K. Estes, Route 1, Box 51, Alpena Pass, Ark.

Sawmill and grist mill in running condition well located. H. H. Ball, Route 1, Box 40, Japton, Ark.

Two pure-bred Airdales, one hound and one bench-legged feist; regular coon dogs and good hunters. Dr. Roberts, Bellefonte, Ark.

Fancy evaporated apples, 50 lbs. for \$4, f. o. b. M. A. Dorman, Farmington, Ark.

Million and a half feet of white oak, 16 inches through; good stave and veneer mill set; 30,000 oak cross tie sticks; 700 acres of hickory never been cut; good site for handle mill; must sell; price right. Ony Ware, Brewer, Ark.

Charcoal for commercial purposes; small or carlot shipment, \$7.50 to \$10 per 100 lbs. Thos. D. Hill, Route 2, Box 48-A, Pine Bluff, Ark.

Plans for two families of sharecroppers who can make corn and cotton on halves. Several families could get homes in this neighborhood; wage hands can earn \$30 a month, straight time, house and garden furnished. W. J. Martin, Route 1, New Edinburg, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 4

LITTLE ROCK, ARKANSAS

April, 1923

Farm and Timber Lands in Arkansas Offered for Sale by Owners at Bargain Prices and on Easy Terms

Lakeside Farm.—Twenty acres; four miles from Decatur, Benton county; lake of clear running water, good cement dam. C. J. Edney, R. 1, Box 23, Decatur, Ark.

Benton County Farm.—Eighty acres, four miles from Decatur; half in cultivation, 30 acres in bottom land, good improvements. Price \$1,000 if taken at once. John R. Wooten, R. 1, Box 89, Decatur, Ark.

Sixty Acre Farm.—Thirty acres in cultivation, balance in oak timber; part bottom land, all is very fertile; peach orchard, three-room house; one-half mile from Franklin on splendid road. A bargain at \$1,600. Roy Black, Franklin, Ark.

Upland Fruit and Stock Farm.—280 acres good smooth land in Jackson county; two miles from Mo. Pac. station; practically free from rock, three-fourths tillable; lots of timber; suitable for stock, fruit and general farming. Price, \$3,000, terms on part. M. E. Gibson, 2103 East Washington Ave., North Little Rock, Ark.

For Sale or Exchange.—I wish to exchange for a small farm, a three-room house with outbuildings; near schools, churches and Mo. Pac. station. F. J. L. Box 303, Kensett, Ark.

Fruit and Berry Farm.—100 acres in Benton county, four miles from Rogers; eight acres woods-lot, 20 acres in apples, 12 acres in young orchard, four acres young grape vines, three acres in strawberries and blackberries, balance in cultivation; six-room bungalow, two barns; other conveniences. Price \$140 per acre; stock and tools included if taken soon. M. E. Rogers, R. 2, Box 132, Rogers, Ark.

Fruit, Dairy, Poultry Farm.—181 acres in Carroll county, on Jefferson Highway, three miles from Green Forest, county seat; 50 acres in cultivation; 150 bearing fruit trees, 60 acres in blue grass pasture, 60 in timber; three-room house and barn, daily mail and telephone. Will pay buyer's railroad fare the distance of 300 miles if bought direct. Price \$40 per acre, terms. W. T. McLaren, Green Forest, Ark.

Second Growth Timber Land.—160 acres, one and one-half miles to Edgemont; fine for sheep, goat or poultry ranch, free range; clear fishing stream near; plenty of small game, oil and coal prospects. Will give abstract title. Price \$150. Address correspondence to, Box 175, Higden, Ark.

Madison County Farm.—Sixty acres nine miles from Huntsville, one and one-half miles from Aurora; 20 acres in cultivation, some bearing fruit trees, good timber; three-room house with bath, good outbuildings. Price \$600. Mack Wolfe, R. 2, Springdale, Ark.

Chicken Dinner and Fruit Farm.—17 acres, 200 apple trees, 55 peach trees, 35 cherry trees, 35 plum trees, strawberries, blackberries, raspberries and grapes; also asparagus and rhubarb; fine spring of water, built water carrier; five-room log bungalow with dining room that seats 25 people; established "chicken dinner" business for tourists; situated on highway one and one-half miles from Eureka Springs. Price \$4,200. Mrs. B. F. Harper, Eureka Springs, Ark.

Fruit, Dairy, Stock Farm.—120 acres in Carroll county; 15 acres in red clover; 40 acres in clover and orchard grass, also blue grass for pasture; good saw timber; seven-room house, barn and outbuildings; splendid well; one mile to town and school; on good road, price \$35.00 per acre. F. R. Beck, Box 44, R. 1, Green Forest, Ark.

Eighty Acre Improved Farm.—Land is adapted to general farming, all under fence; 50 acres in cultivation, 30 in tame grass, 20 in alfalfa; young orchard; five-room house and outbuildings; two and one-half miles to Eureka Springs; on good road, price reasonable, easy terms. A. Highland, Eureka Springs, Ark.

For Sale or Exchange.—120 acres; four acres in fruit; 25 acres cleared, balance in good pine and white oak timber; 10 miles east of Vandervoort, one mile to school and church, two miles to Hartley P. O. The place is run down considerably so will sell at the sacrifice price, \$800, or will trade for rooming house or stock of merchandise. A. J. Rhodes, Vandervoort, Ark.

One Hundred-Thirty-three-acre Farm.—Unable to operate it longer. It's a first class farm. A. W. Maxwell, R. 1, Green Forest, Ark.

Upland Fruit Farm.—120 acres; five acres in cultivation; good four-room dwelling and barn; near public road, school, church and post office; five medicinal springs; six miles from railroad station; a very healthful location. E. L. Fuls, Red Stripe, Ark.

For the Homeseeker or Investor.—Splendid 1250 acre tract of rich, valley land, no overflow; 300 acres in cultivation, will produce fine corn, cotton, and alfalfa; all under good fence; six sets of improvements; all land can be cultivated. Lots of good saw timber; ideal place for stock and grain farm; on pike road, near depot. I also have two small farms. O. P. Toles, Nettleton, Ark.

One-Hundred-Forty Acre Farm.—Ninety acres in cultivation, balance in timber; small orchard and strawberry patch; seven miles to Hope, two miles to school, church and store; on rural route and telephone line; good five-room house, three-room tenant house and outbuildings. Price \$25 per acre. M. H. Thompson, R. 2, Box 79, Hope, Ark.

Bargain in Newton County Farm.—Eighty acres; 20 acres under fence and in cultivation; rest in timber; one and a quarter miles to Jasper, county seat, on Jefferson highway. Ideal for poultry and fruit. Cash price, \$800. Lester Marshall, Box 49, Jasper, Ark.

Boone County Trunk Farm.—Sixty acres; adjoining railroad town; Price \$3,000, half cash, balance twelve months time. J. A. Hicks, Everton, Ark.

Forty-Acre Farm.—All under fence, three acres hog wire fence; on public highway and telephone line, near school; three-room house, fine springs, good barn; one and a half acres in strawberries, plenty of grass. For further information write, Mr. Robert W. Butler, R. 1, Box 56, Springtown, Ark.

Fruit Farm in Boone County.—180 acres, 115 acres in cultivation, 45 in pasture, 20 in timber, all productive. Limestone soil; produces corn, wheat, oats and clover. Well fenced with cross-fences. All kinds of fruit. Ten-room house with Delco lighting system, good outbuildings, all in good repair. Has large barn with cement floor. One and a quarter miles to good, live, city of 3,500 on Jefferson highway, city phone line and rural mail route. A fine healthy location. For price and terms write. O. L. Parkinson, Harrison, Ark.

Four Tracts in Izard County.—Forty acres of unimproved land; two miles from Cook, a railroad town; seven miles from the county seat; lots of cedar and some oak timber; part cash or part trade, or will take good notes. Forty acres two and a quarter miles from Cook, has three-room house; two acres in cultivation; cedar and oak timber. Eighty acres two miles from Cook, ten acres in cultivation; cedar and other timber. 160 acres, two miles from Cook, 12 acres in cultivation, thirty or forty to be cultivated, cedar and other timber. Price \$15 per acre on all land. Will trade for real estate. T. F. Johnson, Brewer, Ark.

Madison County Farm.—One hundred forty acres; on public road, five miles to county seat, one quarter mile to good school; forty acres in cultivation 18 acres bottom land in hay, 20 acres in pasture, 100 acres under good fence; three-room house, outbuildings, everlasting spring water. Some good white oak timber. Price \$2,500, terms on half. Noble P. Hill, Drakes Creek, Ark.

Orchard and Pasture Land.—160 acres; 75 acres in pasture; one and one-half miles from railroad station; will sell or exchange. John Hall, Patrick, Ark., Madison county.

Fruit and Berry Farm.—Fifty-five acres in Van Buren county; forty acres in cultivation; orchard of apples, peaches and berries; good house, barn, and granary, other outbuildings; on good road from Bee Branch to Formosa. I wish to sell at once, at reduced price, \$1,000. Geo. F. White, Bee Branch, Ark.

Lincoln County Farm.—120 acres of good land; near good school and churches; good neighborhood, all white people; near Star City and Montague. Land is being leased for oil. J. A. Loel, Garnett, Ark.

Modern Home and Farm.—Forty-five acres, near two oil wells, good house and farm modernly equipped; on good road. Dr. Alfred Kellett, Doddridge, Ark.

Second Bottom Land.—Eighty acres; part in cultivation; part in fine timber 45 acres cleared of rock; fruits of all kinds; one mile to White river, on public road to Fayetteville, three miles to Elkins; one house and barn in need of repair; this land is fine for general farming and is splendid place for poultry and stock. Price \$3,000, \$2,000 cash, terms on balance. I am too old to handle is reason for selling. E. G. Harris, R. 1, Box 40, Elkins, Ark.

For Sale or Trade.—168 acre farm; 30 acres in cultivation, 5 in meadow, 20 in pasture; on public highway, one and one-half miles to school; daily mail and telephone service; 11 miles to Ozark, county seat of Franklin county; double house, several outbuildings; running water in pasture. Price \$1,200, cash \$600, balance trade. J. A. Donald, Watalula, Ark.

Washington County Farm.—Eighty acres; 12 acres cleared, 75 apple trees, peaches, plums and cherries; one house and barn; one mile to P. O., school and railroad, four miles to canning factory, ten miles to Fayetteville. Price \$800. Geo. W. Seibert, Pitkin, Ark.

Stock and Dairy Farm.—180 acres; 55 in cultivation and as much more to be cultivated; clay-sand soil; good orchard and berry land; well timbered and watered; ten miles from Batesville on fine road, no special road tax. For price write, G. W. Thompson, R. 3, Batesville, Ark.

Benton County Farm.—Forty acres, 15 acres in apples; all can be cultivated except seven acres which is in timber and used for pasture; land is practically level, all fenced and cross-fenced; four-room house and outbuildings; on good road, telephone line and rural mail route, two and a quarter miles from town. H. D. Morehead, R. 4, Gravette, Ark.

For Sale or Trade.—320 acres of land, nine miles north of Bentonville, 25 to 30 acres in bottom land, 70 or 80 acres in cultivation; most all in tame grass; two sets of improvements, good saw timber. Will trade for 60 or 80 acres on good fishing stream close to good town and school. Would like to be on White or Illinois river. Address correspondence to 645 West 13th St Bentonville, Ark.

Creek Bottom Farm.—288 acres; 70 acres in cultivation; family orchard; good buildings and water; on good road and R. F. D.; an ideal place for general farming and a most desirable place to live. Price \$15 per acre. D. O. Friend, R. 2, Bonnerdale, Ark.

Farm in the Ozarks.—240 acres in Benton county will sell at real bargain as it belongs to heirs and must be sold; 90 acres in cultivation, balance in good timber, lots more can be cleared and cultivated; fine for fruit and berries or stock raising; good springs on place. Clear title, taxes paid. Price only \$12.50 per acre for quick sale. Buildings on place are in bad condition. Geo. W. Vansandt, R. 2, Garfield, Ark.

Farm in Nevada County.—Seventy-six acres, 53 acres in cultivation, most all fenced, sandy loam soil, on public road, four miles south of Bluff City; good house and barns; oil prospects near. W. A. Chamlee, R. 3, Box 44, Waldo, Ark.

Benton County Bargain.—Forty acres six miles northwest of Springdale, other towns near; 25 acres in cultivation; good white oak and black oak timber; 400 bearing apple trees, good neighborhood; four-room house and outbuildings; near school and church. Price \$1,800. Terms on half. Roy Fitzgerald, Springdale, Ark.

Two Farms in Mineral Section.—54 acres adjoining the Housley Lead Mines; 18 acres in cultivation; Price \$1,700. Sixty-five acres adjoining same mines; well improved, 18 acres in cultivation, good houses, peach and apple orchard. This is a splendid location for the miner and a great bargain. Will include cattle and farming implements. Twenty-three miles south of Hot Springs, one and one-half miles from Point Cedar. Price \$4,000. C. C. Keadle, Point Cedar, Ark.

Mountain Farm in Sebastian County.—120 acres, about thirty acres in cultivation; 80 acres in pasture; fine for fruit and berries; three-room house and barn. This farm is located in a coal and oil field but will sell it cheap as farm land. Terms if desired. J. C. Pettus, Witcherville, Ark.

Strawberry Farm.—121 acres six miles from Fayetteville, 65 acres in cultivation, rest in timber; two and one-half acres in strawberries, small orchard; five-room house and outbuildings; 25 acres are of good bottom land. Will sell or trade. Price, \$6,000. P. W. Parker, R. 1, Box 55, Elm Springs, Ark.

Desirable Farm For Home.—Fifty-six acres, thirteen miles from good railroad market, near other small towns; all bottom land in cultivation; 10 acres in wheat, one acre in strawberries, family orchard; on main road and daily mail route. Price \$5,000. Would trade for another farm. P. W. Parker, R. 1, Box 55, Elm Springs, Ark.

Small Farm in Washington County.—Six acres four miles from Lincoln; four acres in cultivation, all fenced and cross-fenced; one-quarter mile to church, school and store; log house and barn. Price \$600, or would trade for cheaper land. C. M. Higgins, Lincoln, Ark.

Two Tracts of Bottom Land.—124 acres, 70 in cultivation; 220 acres, 100 acres in cultivation. Both farms are well equipped with tenant houses, barns and are fenced with woven wire; are near railroad and good schools. Must have half cash, balance on easy terms. Address, Box 71, West Point, Ark.

River Bottom Farm.—160 acres on King's River in Madison county; good improvements. Would like to trade for smaller place, grist mill or feed store. Will sell at bargain on easy terms. I also will sell or trade one Ford roadster in good condition; one 20 in. grist mill. Would trade car for eight or ten horse-power engine. J. H. Gibbs, Marble, Ark.

Prairie County Farm.—Seventy acres, six miles from Hazen, one-quarter mile to school; on mail route; three-room house and outbuildings; family orchard; 50 acres cleared, balance in timber. Suitable for general farming. Price \$22.50 per acre. L. M. Raper, R. 4, Hazen, Ark.

White County Bargain.—Forty-two acres; forty in cultivation, two in grass and timber; near highway, schools, railroad, and nine miles to county seat. Good five-room house and outbuildings; land is suitable to cotton, corn, hay and strawberries. Price \$2,500, cash or terms. L. I. Huston, Center Hill, Ark.

Improved Arkansas Farm.—178 acres in Randolph county; near church, school and good town; 85 acres in cultivation, 20 in pasture, 73 in timber. Soil is mostly black loam; corn, clover and timothy being the principal crops; two-story eight-room house, all necessary outbuildings; 35 fruit trees on place. A. Shipman, R. 1, Box 11, Warm Springs, Ark.

One Hundred-Sixty-Acre Farm.—Fifty acres in cultivation, 30 acres fenced; balance in timber; is about half bottom land; six miles from Star City, county seat; near schools, churches, store and highway; two sets of improvements with barns and outbuildings; some fruit on place. Price \$10 per acre, cash or terms. V. Pernell, Rest, Ark.

Clay County Farm.—Forty acres, good creek-bottom land; all cleared and fenced; one house and outbuildings; young orchard; near school, town and railroad. Price \$50 per acre. Cash, \$250, balance on easy terms. Geo. Glasgow, R. 1, Rector, Ark.

Tract in Polk County.—160 acres, one mile west of Wickes; 20 acres cleared; rest in timber. Will sell at bargain price. L. Fish, Box 321, Vivian, La.

For Sale or Trade.—160 acres in north Baxter county; on good road near school; partly improved; good timber; free range. M. T. Allman, R. 1, Mtn. Home, Ark.

Eighty-Acre Tract.—Located in Beech township, Miller county; seven miles from Fouke; one mile from school; one house and barn. J. L. Crane, Lewis, La.

One Hundred and Twenty Acres.—Bench Land.—Fifteen acres in cultivation; seven acres in fine orchard grass; fifty young orchard trees; three-room house and outbuildings; good well and springs; 105 acres well timbered in oak, hickory and sugar maple. All suitable for cultivation and pasture; one quarter mile to Jefferson highway, one mile to school and churches. Price \$1,000. R. F. Carter, Compton, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

Garland County Farm—160 acres, 70 acres in cultivation; good farm building, orchard and extra fine water. Also 80-acre farm on good creek. D. O. Friend, Bonnerdale, Ark., R. 2.

Baxter County Farm—160 acres, 25 in cultivation; good house, barn and 8 acres in orchard; one mile to Hopewell and three miles to Norfolk. Price \$2,700. John W. Key, P. M., Hopewell, Ark.

Farm Near Siloam Springs—400 acres timber land; lots of good timber and pasture. Six dollars per acre. Consider part trade for property near this location or take automobile as first payment. Mrs. L. Hurlock, Siloam Springs, Ark.

Sharp County Farm—58 acres, 22 in cultivation; five-room house and two good barns and poultry house. Will trade for town property or stock of groceries. For further particulars write Grover Sanders, Sitka, Ark.

Good Mountain Farm—40 acres, four miles from Winslow, summer resort; 16 acres in cultivation, good house, barn and poultry house; 550 bearing fruit trees. Price \$850.00. Mrs. C. K. Osburn, Schaberg, Ark.

Randolph County Farm—Good farm of 40 acres with 25 acres in cultivation. Good orchard, house, barn and small store building. For particulars write Will S. White, Pocahontas, Ark.

White County Farm—Contains 656 acres, 500 in timber, 60 in cultivation. Good house and barn on good graded road. Price \$15 per acre. C. W. Pearson, Bradford, Ark.

Fruit Farm—40-acre farm near Rogers, five acres in orchard and ideal fruit, berry and poultry farm. One-half mile northeast of Rogers. O. F. Day, Rogers, Ark.

Unimproved Land—68 acres bottom land, unimproved; level, dark sandy loam, fenced; timber, green ash, hickory, holly and walnut. Price \$650. E. L. Presley, Hollywood, Ark.

Independence County Farm—Contains 260 acres, 80 in cultivation and 50 acres more tillable land. Sandy clay soil; fine timber; two residences and manganese mine on land. Free from ticks. Price \$5,000, and will sell crop and live stock and give possession at once. G. W. Thompson, Batesville, Ark.

Forty-Acre Farm—Located in Montgomery county. Contains 18 acres; good house and barn; small orchard. Price, cash, \$350. James F. Moore, Oakwood, Ark.

Carroll County Farm—80 acres, located in fruit belt 4½ miles from Berryville; 40 acres in cultivation, 40 acres in peach trees and one acre in grapes. Price \$35 per acre. George J. Davis, R. 2, Berryville, Ark.

Good Sandy Loam Soil—Contains 120 acres, 60 acres in cultivation, 30 acres in pasture and 30 acres in timber; good buildings. Price \$3,500. For particulars write W. P. Shearer, R. 1, Box 17, Sheridan, Ark.

Truck Farm—40 acres, 18 acres in cultivation, small orchard and running water. One mile of Little Rock and Hot Springs Highway. Price \$1,200. J. W. Shipp, R. 1, Box 62, Alexander, Ark.

Hill Farm—160-acre farm with creek running through it. Two-story house and one-story tenant house; one mile from Dardanelle. Price \$8,000. G. L. Venzey, Dardanelle, Ark.

Two Farms for Sale—One farm containing 142 acres, about 55 in cultivation and five in Elberta peaches. Price \$3,000. Another 100 acres, about 50 in cultivation; some good timber. Price \$3,500. John T. Willis, Seranton, Ark.

Stock and Agricultural Farm—160 acres fine land, two miles from Des Arc, county seat, on public road; 75 acres in cultivation, good fence, six-room dwelling, good barn, water and three-room tenant house. Write for price. J. P. Landers, Des Arc, Ark.

Farm on King's River—Contains 265 acres, 45 acres timothy, 22 in alfalfa, five in clover and orchard grass, 66 cultivated land, 20 in orchard grass pasture, 15 in bluegrass pasture and balance in timber. Four-room house; barn and outbuildings. For particulars write A. R. Shultz, R. 1, Grand View, Ark.

Faulkner County Farm—For sale or will trade for town property, 159 acres, 70 acres cleared; five-room house and other buildings. For particulars write Wm. Enterline, R. 5, Vilonia, Ark.

Madison County Farm—Eighty acres, good poultry and stock farm. Good house and outbuildings. Price \$3,500. E. Callico, Box 36, Clifty, Ark.

Plainview Fruit Farm—21 acres, two miles southeast of Rogers on Monte Ne Highway. All kinds of fruit. Will subdivide in five or ten acres. For particulars write Plainview Fruit Farm, Rogers, Ark.

Crawford County Farm—19 acres, 16 or 18 in cultivation; House, furniture, two barns and other buildings; good cellar, small set of blacksmith tools and other implements, for \$1,200. Located 2¼ miles from Schaberg and four miles from Winslow. J. W. Cheary, Schaberg, Ark.

Zinc Land in Marion County—100 acres of good zinc land to exchange for farming land. For particulars write Elk Drug Store, Box 18, Everton, Ark.

Forty-Acre Farm—Well improved, all in cultivation, fenced and cross-fenced; on public highway, one and a half miles to railroad station; modern house and outbuildings; seven acres in strawberries, some other fruit. Price \$3,500. Ellis E. Sands, R. 2, Beebe, Ark.

Wyoming Farm—For sale or exchange for land in Arkansas, a farm in the Big Hollow oil district. Land valued at \$50 per acre. Price \$30 per acre. John W. Lytle, 366 N. Monroe Ave., Columbus, Ohio.

White River Farm—875 acres on North Fork of White River; 450 acres in cultivation; five tenant houses, three barns, five springs, and all fenced. Home for nine ordinary sized families. Priced at \$20,000. One-third cash. J. T. Jones, Mountain Home, Ark.

160-Acre Farm—Fruit, grain and stock farm, 55 acres in cultivation; four miles from railroad on graded road. H. D. Northrop, Rushing, Ark.

Benton County Farm—Thirty acres, 3¾ miles from Rogers; 20 acres in cultivation; house, smoke house, chicken house, wagon and buggy shed and corn crib. W. S. McKee, R. 6, Rogers, Ark.

Washington County Farm—300-acre farm, 160 in cultivation; good house and barn. Will sell or exchange on easy terms. J. P. Shaver, Spring Valley, Ark.

Madison County Farm—Eighty acres, nearly all timber; small house and barn. Four miles north of Hindsville, Ark. Price \$400. Half down and balance from one to five years. J. W. Allred, LaRue, Ark.

Fruit Farm—Twenty acres, two miles from Rogers; four acres in strawberries and ten adapted to fruit; two-room house. Price \$1,100. Grace Breazeale, General Delivery, Rogers, Ark.

Sharp County Farm—40-acre farm, 30 acres in cultivation; three-room house, barn and cistern; 25 miles from railroad; saw mill, roller mill and gin. Price \$650. C. A. Kinney, Love, Ark.

Hempstead County Farm—120 acres on Fulton and Washington public road; 90 acres in cultivation. Tenant house on place. J. F. Gilbert, R. 1, Box 45, Fulton, Ark.

Van Buren County Farm—Forty acres, all of which can be cultivated; two-room house, spring and well. Will take a good team of mules, harness and wagon as part payment. T. C. Gunter, Crabtree, Ark.

Unimproved Land—Twenty acres. Will Pemberton, Clifty, Ark.

Polk County Farm—Forty-acre farm, 20 acres in cultivation; six-room house, barn, chicken house, smoke house and sweet potato house; three-quarters of a mile from Grannis. \$1,000 cash, or \$1,200 on good terms. M. P. Green, R. 1, Arkinda, Ark.

Boone County Farm—Forty-acre farm; new land, three-room house, barn and other outbuildings; nice orchard. Will sell at a bargain and give terms. Mrs. L. Anderson, R. 3, Harrison, Ark.

For Quick Sale—Twenty acres, one and a half miles from Siloam Springs; five acres in apples, ten in grapes; strawberries and raspberries. Price \$3,000. A. L. Cline, Siloam Springs, Ark.

Eighty-Acre Fruit and Stock Farm—Three miles from town; five acres in apples, two in strawberries; one-quarter in blackberries. House and outbuildings. Price \$1,500. Mary P. Dowell, Springtown, Ark.

Madison County Farm—Thirty-seven acres, three-room house, barn and smoke house, hen house and good well. Twenty acres in cultivation. Half mile from trading point. J. W. Ray, LaRue, Ark.

Newton County Farm—160 acres for sale; four-room house, horse barn, cow barn and five hog pens, chicken house and large garden; fine orchard. Price \$1,200; term to suit purchaser. Mrs. Etta McEwen, Fallsville, Ark.

For Sale or Exchange—Eighty acres, eight miles from Palestine; three-room house and fine well; 20 acres cleared. Price \$15 per acre. Some cash, and terms to suit. A. Eden, Box 163, Palestine, Ark.

Saline County Farm—160-acre farm, three miles west of Benton. L. F. Mitchell, R. F. D. Box 14, Haskell, Ark.

Montgomery County Farm—Forty-acre farm. For particulars write J. J. Rowton, Gaston, Ark.

Johnson County Farm—Forty-acre farm. For particulars write R. S. Higgins, Batson, Ark.

An Izard County Farm—120 acres, 60 in cultivation. Improved. L. A. Williams, Batesville, Ark.

Baxter County Farm—160 acres for sale by M. T. Allmon, R. 1, Mountain Home, Ark.

For Sale or Trade—Twenty acres improved. Apply T. E. Heaton, 815 W. Walnut St., Rogers, Ark.

320 Acres Cut Over Land—Practically all can be cultivated. New two-story house, small barn, and plenty of timber for fences. Four miles of Arkansas City. Sylvester Kaler, R. 5, Carlisle, Ark.

Lots for Sale—Two building lots on College Addition. Harriet A. Brainerd, Haddam, Conn.

Benton County Farm—Forty acres improved land. Apply L. E. Smith, R. 3, Box 180, Rogers, Ark.

Boone County Farm—Forty acres, good limestone soil. Bargain, \$2,800. John Conroy, Bergman, Ark.

Twin Glades Farm—Fifty acres in tract, 25 under cultivation; improved. Price reasonable. Tomer Owens, Box 62, Elizabeth, Ark.

Poultry Farm—About five acres; fine improved farm. Apply F. Foote, R. 4, Gentry, Ark.

Saline County Bargain—290 acres; will sell in 160 and 130-acre tracts. Improved. Price \$15 per acre. Joseph M. H. Major, Reform, Ark.

Sebastian County Farm—Forty-nine acres with fine orchard. Rented until October. O. L. Matthews, Mansfield, Ark.

Montgomery County Farm—Twenty-eight acres clay land, all in cultivation. Improved. Price \$1,000. John Palmer, Gibbs, Ark.

Baxter County Farm—160 acres, 60 in cultivation. Price \$3,000 for farm, wagon, harness, eight head of cattle, 21 hogs and farming implements. Fine orchard. C. W. Young, R. 1, Arkana, Ark.

Benton County Farm—199½ acres near Gravette. Improved. Would consider trade for good farm in the northern part of the state, or good stock. Ulysses G. Willis, R. 3, Gravette, Ark.

Sandy Loam Farm—Eighty-acre farm, good improvements. Apply P. M. Holder, R. 2, Charleston, Ark.

Newton County Farm—160 acres, 80 under cultivation; improved. Apply Rev. J. H. Speer, Box 74, Fallsville, Ark.

Benton County Farm—Ten-acre farm near Rogers. Improved. For terms apply E. L. Dikemare, R. 2, Rogers, Ark.

Baxter County Farm for Sale—478 acres, 60 under cultivation. Price \$15 per acre. E. M. Clinkingheard, Henderson, Ark.

Boone County Farm—200 acres improved land. Two houses and cannery factory. Apply J. S. Davidson, Keener, Ark.

Pope County Farm—Sixty of the 200 acres in cultivation; 50 more can be cultivated; fine orchard; well timbered. Price \$1,500. Oscar Criner, Holt, Ark.

Three Farms in Fruit Belt—Two containing 40 acres and one 80 acres. J. R. Hudson, Clarksville, Ark.

Farm in the Ozarks—160 acres in fruit belt. Price \$2,000. Good terms. G. W. Sullivan, R. 3, DeQueen, Ark.

A Home for Sale—136 2-3 acres, 65 in cultivation; improved. Price \$6,000. Apply W. M. Jones, Miller, Cleburne County, Ark.

Small Farm for Sale—Seven acres near Sulphur Springs; improved. C. S. Bouton, Sulphur Springs, Ark.

119-Acre Farm—Sixty acres in cultivation. For quick sale will take \$4,000. But if time is need, \$35 per acre. J. B. McKenzie, R. 2, Box 88, Prescott, Ark.

Two Farms to Sell or Exchange—Both adapted to fruit. Price \$2,500 for one containing 132½ acres, and \$3,000 for one containing 130 acres. For particulars write W. L. Jackson, Ash Flat, Ark.

For Sale or Exchange—Eighty acres eight miles from Palestine. Price \$15 per acre. Apply A. Eden, Box 163, Palestine, Ark.

Choice Cleburne County Farm—Contains 144 acres; 80 acres in cultivation. Will sell at a sacrifice. Apply Chas. D. Askew, Higden, Ark.

Unimproved Land—Contains 70 acres. Fine for a home. Price \$250 cash. T. R. Reece, Box 151, Mountain View, Ark.

Benton County Farm—Eighty-acre stock farm; well improved. Apply W. A. Nichols, R. 1, Box 160, Siloam Springs, Ark.

200-Acre Farm—Sixty acres in cultivation; well watered. Apply V. W. Boyd, Wesley, Ark.

120-Acre Farm—Five miles from county seat; well improved. For particulars write Lawrence Holl, Ash Flat, Ark.

Farms for Sale—500 acres to be sold in tracts of 40 to 185 acres. Price from \$40 to \$200. Apply Box 30, R. 1, Siloam Springs, Ark.

Pike County Farm—Seventy-six acres with 40 in cultivation. Well improved. Price \$80 per acre. W. O. Whitcomb, Delight, Ark.

Two Tracts in Benton County—Contain thirteen and two lots, respectively. For prices apply Pete Oaks, Box 213, Sulphur Springs, Ark.

For Sale or Trade—320 acres near Arkansas City. Apply Sylvester Kaler, R. 5, Box 13A, Carlisle, Ark.

Searcy County Land—Eighty acres; farm well improved. Price \$1,500. Apply F. C. Brown, Marshall, Ark.

Farm in Fruit District—Twelve acres at Thornburg, Perry county, on the healthful Mamelle. Price \$1,000. H. D. Henry, Thornburg, Ark.

Farm Near Texarkana—Ten acres, half of which is in cultivation. Apply William H. Matthews, 1221 Wood St., Texarkana, Ark.

Randolph County Farm—100 acres, 70 in cultivation; well improved. For particulars write Henry Koechner, Debow, Ark.

Garland County Farm—Forty acres near Lonsdale. Will make ideal truck farm. Price \$350. Apply H. B. Chisum, Danville, Ark.

Farm Near Jonesboro—Eighty-six acres. Two oil wells being drilled near same. For particulars write J. H. Smith, R. 2, Box 64, Jonesboro, Ark.

One Acre for Sale—Will trade for up-to-date grocery store. Price \$1,100. Carl W. Manuel, Dyer, Ark.

Searcy County Farm—160 acres, 20 in cultivation, 50 cleared. For further information apply W. W. Broofman, Pindall, Ark.

Fruit Farm for Sale—Sixty acres in Washington county. Will sell or trade. Prefer Delaware county, Oklahoma, property if traded. Sale price \$2,750. Apply W. E. Frederick, Cane Hill, Ark.

Good Farm for Stock—Benton county farm. Will exchange for small acreage, improved, near good stown and take cash difference. John B. Bishop, R. 3, Box 117, Gravette, Ark.

Newton County Farm—Contains 153 acres, 40 in cultivation. Near Jefferson Highway; eight miles from Jasper. Price \$6 per acre. H. Agee, Western Grove, Ark.

Four Tracts of Land in Izard County—Two contain 40 acres, one 160 acres and one 80 acres. For particulars write T. F. Johnson, Brewer, Ark.

Boone County Farm—180 acres, 115 in cultivation, 45 in pasture, 20 in timber; well improved. For information write O. L. Parkinson, Harrison, Ark.

Forty-Acre Farm—Three-room house, fine spring and plenty of timber. Price \$1,400. Robert W. Butler, R. 1, Box 56, Springtown, Ark.

Sixty-Acre Farm—Nice truck farm; everything ideal. Price \$3,000. Half cash, balance twelve months. J. A. Hicks, Everton, Ark.

Bargain in Newton County—Eighty acres, 20 under fence in cultivation; near Jefferson Highway. Price \$800 cash. Lester Marshall, Box 49, Jasper, Ark.

Wanted to Exchange—Nice cottage of five rooms, well improved for poultry or fruit farm in Washington or Benton county. M. R. Powell, Harrison, Ark.

700-Acre Farm—200 acres have been in cultivation, 500 can be cultivated. Located in Newton county. Price \$12.50 per acre. D. C. Anderson, Yardelle, Ark.

Strawberry Land—Forty-acre farm with five in strawberries; improved. Price \$1,200 and will take Ford car as part payment. J. J. Sanders, Zack, Ark.

Limestone Soil—Ten dollars a month buys this 82 acres in Izard county; improved. Will trade. For particulars write C. L. Holland, McRae, Ark.

Cut Over Land—Forty acres in well settled community. Price \$1,000. Terms if desired. W. A. Thompson, Searcy, Ark.

Carroll County Farm—125 acres; 110 acres in cultivation; fifteen acres in timber; fifty acres to red clover, orchard grass and alfalfa; produces corn, thirty to fifty bushels per acre; eight-room house, barn and other outbuildings; good orchard; well, cistern, and running water on place; near school and cannery factory; will include one team of mules, some farming implements, wagon, two horses, one ton of baled hay and fifty bushels of corn. For further information write J. W. Dodgen, Oak Grove, Ark.

White County Farm—250 acres, two miles from Higginson; 100 acres in cultivation, balance cut over timber. Price \$7,500. J. F. Watkins, Searcy, Ark.

Timber Land—Forty acres in White county, three-room house. Price \$1,000. Will give terms. J. H. Deener, Searcy, Ark.

160-Acre Farm—Good level land, no rocks; virtually all cleared. Price \$1,200. J. S. Booth, Searcy, Ark.

Delta Land—From 200 to 400 acres. Wish to sell part of land. Price \$200 per acre. Write Huber A. Moore, Joiner, Ark.

Unimproved Land—Contains 40 acres. Will trade for Ford car. M. C. Reeves, Murillo, Ark.

Fruit Farm Near Hot Springs—Nineteen acres with three-room house. Price \$100. John A. Snodgrass, R. F. D. Box 202, Mountain Valley, Ark.

Unimproved Land—Forty acres, 10 to 15 acres can be cultivated. Price \$200. J. J. Roberson, Gillham, Ark.

Benton County Fruit Farm—"Ninaker Farm." \$6,000 will buy this fine farm, with all live stock, household furniture, implements, etc. Chas. A. Grigg, Siloam Springs, Ark.

Farm for \$2,000—81 acres, with 50 in cultivation. J. M. Bell, Yardell, Ark.

Model Small Farm—43-acre upland farm; well improved. Price \$50 per acre; terms on half. M. C. Goldman, Evansville, Ark.

Poultry and Dairy Farm—Twenty acres, well improved. Price \$150. Terms if needed. J. G. Wells, Black Rock, Ark.

Stone County Farm—Containing 140 acres, 75 in cultivation; improved. Apply C. E. Williams, Fox, Ark.

Baxter County Farm—139 acres, 40 acres in cultivation; well improved. Price \$1,400. H. H. Talburt, Henderson, Ark.

For Sale or Exchange—Twenty-acre farm, 10 acres in cultivation. Will sell cheap, or exchange for a good car. Dee Richardson, R.3, South Fork, Ark.

160-Acre Farm for Sale—Twenty-five acres in cultivation, balance timber. Price \$600. W. M. Payne, Henderson, Ark.

Farm to Exchange for Car—Forty acres of unimproved cut over land in Ozark fruit belt to exchange for a Ford car in good condition. M. C. Reeves, Murillo, Ark.

Houses in Sulphur Springs—Nine-room house on city lot, \$1,000; five-room house on two lots, \$650; healthful location. Sam Lukens, R.1, Maysville, Ark.

Crawford County Fruit Farm—160 acres. Price \$30 per acre. Apply M. E. Cleveland, R.2, Rudy, Ark.

Upland Farm—Eighty acres, all in cultivation but six acres. Soft water. Write for price. Ensign Bros., Clarks-ville, Ark.

Benton County Farm—Forty acres, all in cultivation. Mules, wagon, buggy, Ford car and farm implements included. Apply A. W. Evans, Larue, Ark.

Farm Near Jefferson Highway—120 acres, 15 in cultivation. All land suitable for cultivation. Price \$1,000. For further information write R. J. Carter, Compton, Ark.

Between Two Oil Wells—120 acres seven miles from two oil wells. Land being leased at \$25 per acre. Price \$25 per acre if sold in thirty days. J. A. Lale, Garnett, Ark.

Van Buren County Farm—Contains 75 acres with 40 acres in cultivation; improved. Price \$1,000 on terms. For particulars write Geo. E. White, Bee Branch, Ark.

For Sale or Exchange—Madison county farm of 160 acres with 75 in pasture and cultivation; one and a half miles from railroad station. Write John Hall, Patrick, Ark.

Madison County Farm—140 acres five miles from county seat. Price \$2,500. Terms on half. Noble P. Hill, Drakes Creek, Ark.

Carroll County Farm—125 acres with 110 acres in cultivation. Price \$40 per acre. One pair six-year-old mules included in this bargain. I. W. Dodson, Oak Grove, Ark.

Unimproved Land—Forty acres unimproved land five miles from Gillham, Ark; ten to fifteen acres can be cultivated. Price \$200. J. J. Roberson, Gillham, Ark.

Suburban Home—Fifty acres improved, one-quarter mile west of Grannis. Forty acres in cultivation. Good terms, or cheaper price for spot cash. Madison Houston, Box 63, Grannis, Ark.

Montana Farm for Exchange—320-acre ranch in Chateau county, Montana, to exchange for North Arkansas land. Address E. J. Setser, Gravette, Ark.

Fruit Farm—Thirty-seven acres in orchard and 19 acres in range; three-room house. For particulars write John A. Snodgrass, Box 202, R. F. D., Mountain Valley, Ark.

Benton County Farm—For \$1,500 you can buy this farm of 10 acres including household furnishings, two young Jersey cows, chickens and feed. Apply W. D. Plank, R.2, Lowell, Ark.

110-Acre Farm—Forty in cultivation and 60 under fence. Good house, span mules, nine hogs, farm tools. Price \$2,000; \$1,000 cash and terms on balance. Mrs. Mary D. Young, Jessville, Ark.

Forty-Acre Farm—Thirty-five acres in cultivation. All household furniture and stock on place included. Price \$1,500; wish \$900 cash. Write K. E. Langan, R.1, Box 62, Genoa, Ark.

Carroll County Farm—81½-acre farm with 58 in cultivation; improved. Price \$1,400. Apply W. H. Clinkenbeard, R.2, Box 28, Berryville, Ark.

Timberland—Eighty acres seven and a half miles from Harrison. Price \$12.50 per acre. Terms to suit. G. R. Lawson, R.3, Batavia, Ark.

Van Buren County Farm—160 acres, 40 in cultivation. For price apply A. B. Summers, R.2, Mayflower, Ark.

Benton County Farm of Forty Acres—A fine farm for a low price. Apply J. M. Horn, Siloam Springs, Ark.

Fruit Farm for Sale—Forty acres, six miles from Siloam Springs. Well improved. Price \$1,250. Terms on part of it. Apply C. C. Hungate, P. O. Box 92, Siloam Springs, Ark.

Good Creek Farm for Sale—100 acres, with about 45 in cultivation. Strong limestone land. Price \$3,000. Also 110 acres at \$4 per acre. For particulars write L. G. Curtis, Walnut, Ark.

Forty-Acre Farm for Sale—Thirty acres in cultivation. Price \$1,000 if taken at once. W. T. Weatherford, R.1, Box 18, Potter, Ark.

Two Farms for Sale—160 acres with 55 in cultivation and 152 acres with 45 in cultivation. For particulars write Irvin Freeman, Mt. Ida, Ark.

Madison County Farm—174 acres, 100 in cultivation, 74 in timber. Well improved. Price \$1,500. W. W. Eskue, Patrick, Ark.

Four Lots for Sale—Adjoining limits of Sulphur Springs. For sale or trade. Apply R.2, Box 76, Sulphur Springs, Ark.

160-Acre Farm for Sale—Frame house and small orchard. Will sell cheap. Address Mrs. Roccia Babcock, Gentry, Ark.

200-Acre Farm for Sale—Eighty acres cleared and 65 in cultivation. Two houses. For particulars write Mrs. E. A. Harris, Box 285, Warren, Ark.

Farm Near Harrison—159 acres with 60 in cultivation six miles from Harrison. For particulars write Ross Green, R.1, Harrison, Ark.

Leo Waltermine, Williamstown, Ohio wishes to spend a season or two in Arkansas hunting, fishing and trapping. He asks for information as to conditions and conveniences for the sport.

William Eagley, 36 years old, would like to get work near a good town in Arkansas. He is experienced in coal mining, but would consider other work. Address William Eagley, Arthurs, Ia.

"I am interested in land in Arkansas and would like information on the price, crops, and weather conditions; also hunting."—William A. Engelmann, Box 95, West Plains, Mo.

The following persons, all of Los Angeles, Cal., have requested information concerning Arkansas: Otis A. McKelvie, 3201 Severance St.; D. C. Heylman, 923 S. Valencia St.; F. C. Hopkins, 913 S. Valencia St.; Julius Schwerdtfeger, 3201 So. Hoover St.

"I wish to trade my home with lot adjoining it, for an Arkansas farm. I want a place partly cultivated, with some timber, and well watered; near railroad and good town."—C. A. Cummins, 737 New Ave., Springfield, Mo.

W. L. Worrell, 1623 Baltimore Ave., Muskogee, Okla., wants to buy a partly cultivated farm near Little Rock. He would like a ten or twenty-acre farm with some improvements, and prefers to be on Nineteenth Street Pike or somewhere near Cypress Junction.

S. K. Roberts, R.3, Maple Plain, Minn., wishes to move to Arkansas next winter, and asks: "Is it suitable for raising chickens, and how are the markets for eggs and poultry? What months are prices highest and lowest? Is there much snow, and are the summers very hot and dry? Is there any fishing, and where are the best schools in this section?"

"Please send me information about Arkansas. I am interested in Washington, Benton and Fulton counties."—William E. Reynolds, Brewster, Wash.

H. J. Phillips, Sunburst, Mont., would like to locate in Arkansas and requests information about the Ozark region and reasonably priced land.

James A. Ricketts, R.3, Box 4, Whitesboro, Tex., has asked for literature on Arkansas, as he wants to locate here.

"I am interested in farm lands in Arkansas and would like information in regard to soil, rainfall, crops, markets, and prosperity of state in general. Am especially interested in the northern part, near Cotter, Calico Rock and Batesville."—S. S. Scribner, R.1, Berrien Springs, Mich.

"I am thinking of going into the Duroc Jersey hog breeding business and want a good herdsman at a reasonable salary."—William J. Grummer, 311 Deer St., Conway, Ark.

N. G. Cox, R.1, Box 88, Seneca Mo., is interested in state and government land in Arkansas and asks for literature concerning same.

W. A. Mitchell, R.2, Box 79, Burlison, Tenn., is planning to locate in Arkansas in the near future and asks for literature.

"I want to find a healthful locality in Arkansas where I can engage in general farming and have plenty of fruit. I would like information as to homestead land."—Clarence M. Wooliever, Marshfield, Ore.

Frank Y. Barry, R.4, Albion, Mich., requests literature on general farming in Arkansas, concerning the crops, land, prices, etc. He is not interested in land along the Mississippi river.

"Please send me information on state land that can be cleared and bought for taxes, and on the homestead land in the northern and central part. State how land can be purchased on deferred payment plan. Leo Jas. Saunders, 625 Lannon St., Bartlesville, Okla.

The Rev. J. G. Ditterline, of Elm Springs, Ark., has a small farm in Illinois that he would like to trade for Arkansas land.

Harry Parmiler, Box 314, Pontiac, Mich., asks for literature concerning homestead lands in Arkansas.

Ernest Dangler, Box 210, Gibbon, Neb., requests information about general farming in northwest Arkansas.

E. A. Barnett, Box 69, Port Arthur, Tex., is interested in Scott and Polk counties, and requests information.

Otto E. Berninger, Quakertown, Pa., is interested in homestead lands in Arkansas.

"Please send me your reports on the agricultural possibilities of your state."—Manly Daniel, 118 Valley Road, Webster Groves, Mo.

W. B. Forbes, Griffin, Ga., requests information in regard to stock raising in Arkansas. He is especially interested in Stone and Van Buren counties.

Everett Boshears, Thornburg, Ark., wishes to buy a small farm.

"I want a small fruit farm in Arkansas near a good school, in Van Buren or adjoining counties."—Claude Bailey, Peach, Tex.

Drew C. Matthews, Pelican, La., wishes to locate in Arkansas and information has been mailed to him.

Mrs. Max Shenkus, Sumatra, Mont., is planning to locate in Arkansas and asks for literature concerning the northwest counties.

"We are thinking of taking up homestead land near Little Rock and would like all literature available."—Frank Sanders, Lowden, Wash.

W. H. Driver, 601 S. Pine St., Nevada, Mo., is planning to locate in Arkansas and requests information concerning same.

W. H. Lintz, Slagle, W. Va., asks for information concerning homestead land in Arkansas.

"Please send information concerning the Ozark region of your state," writes W. W. Robinson, 1522 W. Thirteenth St., Oklahoma City, Okla.

Four persons in Almont, N. D., would like to buy small farms in Arkansas, partly cultivated and improved. One 200-acre tract would be considered if reasonably priced. Address Melvin Matson, Box 93, Almont, N. D.

"Please send literature in regard to opportunities in Arkansas"—Chas. H. Marsden, Jr., 104 N. Ninth St., St. Louis, Mo.

Robt. Emerson, Fulton, Mo., asks for Arkansas literature, as he is planning to buy a place here.

"Please send me literature that will advise me of the advantages of Arkansas."—L. W. Fallon, Logan, Ia.

"I would like to locate on a small fruit and poultry farm in northwest Arkansas. Please send literature concerning same."—Charles Bowditch, 1952 Carroll Ave., Chicago, Ill.

Leroy Reynolds, Greenfield, Ia., wishes to buy a farm in Arkansas and asks for literature.

"Please send me Arkansas literature."—L. A. Gary, Pindall, Ark.

Mrs. Estelle Saunders, 1869 E. Seventieth St., Cleveland, Ohio, wishes full information concerning the purchasing of a farm in a healthful location in Arkansas.

"Please send me lists of state land for sale."—W. R. Ilicks, R.1, Box 72, Brooksville, Fla.

C. S. Whittier, R.1, Supply, Okla., requests information concerning Arkansas.

"I wish to either purchase or homestead land in Arkansas and would like information concerning same."—J. Q. Adams, Box 710, Minden, La.

H. G. Brewer, R.1, Anderson, Ind., is interested in homestead lands in northwest Arkansas.

Guy H. Brown, R.1, Box 12, Sturgeon Lake, Minn., asks for literature relative to advantages offered by Arkansas.

E. E. Boxley, Oark, Ark., wants to trade cattle and mules for a small farm in northwest Arkansas.

E. Q. Lain, publisher of The Times at Okarche, Okla., would like to trade his printing plant, office building and residence for a good farm in Arkansas.

M. F. Allman, R.1, Mountain Home, Ark., has a good location for someone wishing to establish a goat ranch.

J. Brown, 2314 Rosewood Ave., Richmond, Va., wishes to invest some money in Arkansas land, and asks for literature.

"Please send me literature concerning homestead lands in your state."—B. H. Roper, 2215 N. Zarzamora St., San Antonio, Tex.

C. A. Warren, Box 529, Portsmouth, Ohio, would like to be a resident of Arkansas and requests literature about its advantages.

Richard Kobres, R.6, Box 223A, Richmond, Va., wishes to locate in Arkansas and would like information on homestead lands.

"Please send me literature on homestead lands in Arkansas."—F. E. Brown, 136 E. Sixth St., Horton, Kan.

M. Gill, Box 771, Wapanucka, Okla., requests literature on public or homestead lands in Arkansas.

N. E. Greten, Rattle Snake Buttes, Colo., requests information relative to the purchase of state lands.

E. D. Lee, Ross, Ark., a resident of Iowa, requests literature concerning Arkansas.

Frank W. Moller, 909 W. Madison St., Chicago, Ill., asks for the latest agricultural and geological reports of Arkansas, also on federal or state lands for sale.

"Please send me information regarding oil location and formation in your state."—Robt. B. Robinson, 4243 Garfield Ave., Kansas City, Mo.

"I would be glad to receive publications concerning the soils, climate, crops, etc., of Arkansas."—John Smetana, 1714 W. Seventeenth St., Chicago, Ill.

John H. Veatch, French Lick, Ind., is planning to move to Arkansas this summer and requests literature.

William F. Uriens, R.1, Austin, Minn., is interested in the northern counties of Arkansas and requests literature on same.

Leo H. Weiss, care of Y. M. C. A., Kansas City, Mo., wishes to know about farming possibilities in central Arkansas.

"Please send me information in regard to unsettled land for sale in Arkansas."—Chas. D. Goodman, Spring Grove, Ill.

Stephen Jakab, 661 W St., Kenosha, Wis., requests literature on homestead lands in Arkansas.

B. Yorkstone Hogg, Fort Pierce, Fla., is interested in purchasing land in Union, Ouachita or Calhoun counties.

Fred Adams, 378 Third St., San Francisco, Calif., requests information concerning Arkansas.

"Please send me information on homestead land in the northern part of your state."—George Ralston, Eldorado, Kan.

Mrs. G. H. Speary, Box 292, Camden, Ark., wishes to locate near Little Rock, and asks for information on the surrounding country.

"I am interested in purchasing a river bottom farm in Arkansas, suitable for general farming."—Laven Mills, Box 182, Heavener, Okla.

Valentine Zuber, Box 143, Saragosa, Tex., requests information concerning uncultivated land in Arkansas.

Elmer Michaelson, Bridger, Mont., is interested in timberland in Johnson and Newton counties.

Homeseekers Who Want to Buy Arkansas Farms.

John W. Lyter, 366 N. Monroe Ave., Columbus, O., an engineer by trade, wishes information in regard to land, soil, timber, minerals, climate, products and best location for producing same in Arkansas.

There are several persons from this state who wish to locate in Arkansas this spring. They prefer a good timber region. Address correspondence to Mrs. Katie I. Craig, R.3, Box 1A, Cambridge, Ohio.

"I wish to buy a 60 to 80-acre smooth land and farm, must be on public road, near school and good town. Will pay cash if price is reasonable and farm improved." J. M. York, Beebe, Ark.

"I am advised that there are state lands in Arkansas that can be bought for \$1.25 per acre without homesteading. Would like information as to location, lay of the land and soil production." Harry Ayers, Indianapolis, Ind.

"I am thinking of locating in the Ozarks of Arkansas and wish to know of the grass and the native grass, and if they are well adapted to cattle raising." W. D. Jeffcott, R.2, Hershey, Pa.

E. Todd, R.1, Indre, Ind., has land in that state that he wishes to trade for land in northern Arkansas or Arkansas county land.

C. H. Klinger, 103 Ninth St., Des Moines, Ia., asks for literature on Arkansas, as he is planning to move here in the near future.

William M. Selkirk, Wadsworth, Tex., wishes to locate in a country where he can raise a good grade of beef cattle and where a partly timbered pasture can be had. Some of the land must be suitable for tame grass pasture and raising of small grains.

"Please send literature concerning lands for sale in Arkansas, preferably in the north and western parts."—J. E. Hainy, R.5, Wess Springs, S. D.

"Please send me literature concerning the Ozarks of Arkansas, as I expect to locate in that section. I would like to buy a farm with some timber on it and which is adapted to poultry and stock raising. Can make good payment down."—J. E. Finch, Sumatra, Mont.

D. S. Clinger, 1120 Royal St., Dallas, Tex., wishes information in regard to Arkansas and the most healthful locations, a place adapted to fruit raising, apples preferred, and near good markets.

E. O. Martin, 223 S. Cherry St., Ottawa, Kan., asks for information concerning state lands and homesteads in Arkansas. He is especially interested in northwest Arkansas and would like to buy a fruit-dairy-poultry farm.

C. E. Ferguson, Saint Francis, Wis., requests literature on Arkansas, as he is thinking of locating here.

Chester Smith, Kewanee, Ind., would like information in regard to hunting and trapping in Arkansas, especially in the Ozark mountains.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Registered Jersey bull, King's Rioter's Rambler No. 132676. Price \$100 f. o. b. Hazen, Jackson Crouch, Hazen, Ark.

Registered Duroc-Jersey boars and gilts, \$20 to \$25 each; weanling pigs \$8 to \$10. L. W. Owens, Bingen, Ark.

Thirty-one head pure bred Aberdeen Angus cattle, 17 cows, 11 heifers, three bulls, seven calves; 38 head in all, for \$2,000. W. P. Tilley, Prairie Grove, Ark.

Guernsey bulls, Taskee Guernsey Farm, Taskee, Mo.

Hereford bull, two-year-old Angus heifers and several Shorthorn and Hereford yearlings. S. S. Jordan, State Agricultural School, Jonesboro, Ark.

Sixty head, mostly yearlings and two years old. Jones & Reeves, Chimes, Ark.

Two 2-year-old Red Polled males and 46 cows, two with calves, all giving milk; registered. Henry Koehnner, Debow, Ark.

Two Poland China gilts, five months old. Emma A. Robbins, R4, El Dorado, Ark.

Duroc Jersey pigs of either sex from Sensation's King, Jr.; also two full males ready for service. Frank A. Cox, Oak Grove, Ark.

Registered big boned Poland China male, 450 pounds, 23 months old; also big boned Poland China sow, age 21 months, weight 400 pounds. The pair not related; for \$75 or \$40 each. Perfectly marked black with white tips. Have been vaccinated. Alf F. Thompson, R1, Lonoke, Ark.

Ten big bone pigs. Chas. E. Trecece & Sons, Paragould, Ark.

Big type Poland China, Arkansas State Fair winners, bred gilts and service boars, \$40 and up; weanling pigs, both sexes, \$15 each; cholera immune; registered in buyer's name. W. Arthur Jones, R3, Paragould, Ark.

Poland China breeding stock. H. M. Walker, county agent, Mountain View, Ark.

Three big boned Poland China gilts and one six-months-old boar. F. T. Goodwin, Planters Cotton Oil Co., Pine Bluff, Ark.

Poland China gilts from fall litters. C. N. Welch, Blytheville, Ark.

Poland China sow pigs. Hartwell Greason, Prescott, Ark.

Two carloads of feeder hogs. T. J. Knight, Warren, Ark.

Twenty-six spotted Poland China gilts and weanling pigs, all nicely marked and of good breeding. The farmer's hog at farmer's prices. W. C. Hager, R1, Gravette, Ark.

Big type Poland China service boar of the "Giant Bob" and Gerstade strain to exchange for one of different strain or for a Poland China bred sow. Worley Johnson & Son, Des Arc, Ark.

Big bone Poland China boar, three years old, registered. Mrs. Carrie Burrows, R1, Grannis, Ark.

Horses, Mules, Jacks for Sale

One Kentucky-bred jack, black, seven years old, 13½ hands high, weight 700 lbs., price \$75. Willis Hardy, Box 36, Rowell, Ark.

Sorrel mare, eight years old, 15.3, weighs 1,050; sound, ready to be worked for summer racing; time 2:12. Will trade for saddle horse, mules or cows. V. J. Andre, Osceola, Ark.

Goats and Sheep for Sale

One hundred and fifty Angora goats. Olive Jackson, Bentonville, Ark.

Nanny goat for sale, or will trade for automatic revolver or wolf hound. H. Rowland, DeQueen, Ark.

Live Stock Wanted

Twenty-five Poland China gilts for club boys. Earl W. Smith, county agent, Siloam Springs, Ark.

Registered Duroc-Jersey boar. Frank Kramer, R2, Batesville, Ark.

Twenty-five Poland China gilts to place with school boys. Arthur F. Lee, R. D., England, Ark.

Big boned Poland China boar. F. T. Goodwin, Planters Cotton Oil Co., Pine Bluff, Ark.

Good registered Hereford bull. J. G. May, Buckner, Ark.

Registered big type Poland China boar, old enough for service. John Carolan, R3, Booneville, Ark.

Poultry and Eggs for Sale

S. C. Dark Brown Leghorns, Russell strain, eggs 15 for \$1, 100 for \$5. Clarence Young, R1, Waldron, Ark.

Holterman's Best Aristocrat strain cockerel in my pen of heavy layers Barred Plymouth Rocks. Eggs \$2.50 per 15; \$1.50 per 15 eggs from pen No 2. Single Comb Brown Leghorns, light mating \$1.50 per 15 eggs. Ray L. McLester, Pangburn, Ark.

Pure bred Barred Rock eggs, \$1 for 13. R. Lambert, R2, Box 39, Amity, Ark.

Eggs from Regal Dorcas White Wyandottes direct from Martin. Two pens trap nested, pedigreed, heavy laying exhibition stock. \$3 and \$4 per setting. Circular free. Mrs. W. H. Graves, Fairfax, Mo.

One hundred S. C. White Leghorn baby chicks. Mrs. C. A. Buckman, Butterfield, Ark.

Pure bred S. C. Black Minorca hens. Mrs. V. P. Perry, Butterfield, Ark.

Partridge Wyandottes, four pullets and one cockerel, \$10. F. F. Wood, Pea Ridge, Ark.

Fifteen Black Langshan hens, \$1.25 each. Mrs. W. R. Nichols, Box 87, Tillar, Ark.

S. C. Barron White Leghorn cockerels, \$2 each; eggs \$1 for 15 or \$5 per 100. S. R. Wells, Russellville, Ark.

Rhode Island Reds, eggs \$1 to \$1.50 for 15. Ralph T. Oates, Russellville, Ark.

"Imperial Ringlet" Barred Plymouth Rock eggs. Parent stock direct from E. B. Thompson, Amenia, N. Y. 15 eggs \$2, 100 eggs \$10. Mrs. W. T. Anderson, R5, Bentonville, Ark.

Imperial White Pekin Duck eggs. Pure bred; 15 eggs, \$2. Mrs. L. D. Donal, R1, Box 52, Blevins, Ark.

Three fine Single Comb Ancona cocks, \$1.50 each. C. W. Pettit, Capps, Ark.

White Runner duck eggs, \$1.50 for 12; \$3 for 30. P. R. McBride, Lebanon, Mo.

Baby chicks and hatching eggs for sale, of quality. S. C. Brown Leghorns hatched right, bred right, healthy Horganized; eggs \$2.50, \$2, \$1.25 per 16; \$6.25 per 100. Chicks twice the price of eggs. Mrs. Frank Cox, Oak Grove, Ark.

S. C. Black Minorca eggs, per setting, \$1.50. Parcel post charges prepaid. E. P. Burleson, Turkey, Ark.

S. C. Rhode Island Red eggs for hatching, \$1.50 for 15, postpaid. Raise chickens that will win you prizes. W. P. Daniel, Lonsdale, Ark.

Imported Tom Barron strain White Wyandottes, 221 to 313-egg line, bred from contest winners. My pen holds first place in Wyandotte class in egg laying contest at Mountain Grove, Mo. Only eight eggs behind second pen out of sixty pens competing. Eggs \$2.25 setting, \$9 per 100, prepaid; 80 per cent fertility guaranteed. Fairview Wyandotte Egg Farm, J. E. Robinson, Aurora, Mo.

Dark Barred Plymouth Rock hatching eggs from daughter of first prize old pen, Chicago National show, mated to a son of second prize cockerel, same show. Heavy laying strain, line bred for many years. Five dollars for 15 eggs, postage prepaid. Quality that sells for \$15 and \$20 in North and East. Only a few settings for sale. Walter W. Bradley, N. Thirty-fourth and O Sts., Fort Smith, Ark.

Rose Comb White Wyandotte, prize winners, select matings, setting 15 eggs \$2. Mrs. Tom Kidd, Murfreesboro, Ark.

S. C. R. I. Reds, choice breeding and prize winners, special attention to all orders; 15 eggs \$1.50 and \$2. Mrs. Joe Terrell, Murfreesboro, Ark.

R. C. R. I. Reds. Every one in the pen a prize winner. Pens mated by experts, \$1.50 for 15. Mrs. George Floyd, Murfreesboro, Ark.

R. C. R. I. Reds. Two pens, one headed by a very fine cock bird. The other by an exceptionally good cockerel. Settings, 15 eggs, \$2. Mrs. Roscoe Brewer, Murfreesboro, Ark.

Eggs from Hogan tested birds, S. C. White Leghorns, S. C. Buff Leghorns, Plymouth Rocks, R. C. R. I. Reds, S. C. R. I. Reds and White Wyandottes. Birds in each breed are prize winners and of the highest laying types. Eggs, 15 for \$1.50, \$2 and \$5. H. H. Holtzclaw, Vocational Instructor, Murfreesboro, Ark.

Ferris-Hillview S. C. White Leghorns, eggs from choice range flock of 265-300-egg strains, \$1.50 per 15, \$6 per 100, prepaid. Mrs. Guy Russell, R2, Rogers, Ark.

Hatching eggs from Barred Plymouth Rocks. Olive Logsdon, Brookfield, Mo.

Barred Plymouth Rock eggs. Mitten-dorf's bred-to-lay strain. Large bone, barred to the skin, none better. Pen No. 1, 15, prepaid, \$1.75. Range flock, 15 for \$1.25, prepaid; 100 for \$7, delivered. P. W. Taylor, Marionville, Mo.

Pure bred Single Comb Rhode Island Red eggs for setting, good laying strain, \$1.25 per 15. Mrs. E. A. Barton, R3, Box 46, Paragould, Ark.

Indian Runner duck eggs and Barred Rock chickens, eggs and baby chicks. Mrs. W. J. Scarron, Box 152, Berryville, Ark.

Eggs for hatching from pure bred Single Comb Brown Leghorn, Silver Spangled Hamburgs and Single Comb Rhode Island Reds. Price of eggs per 15, \$1.50; 30 eggs, \$2.75, postpaid. Can fill orders in 48 hours. W. F. Sudmeyer, R1, London, Ark.

S. C. Anconas, prize winners, hatching eggs \$1.50 and \$5 for 15; baby chicks, \$15 per 100. J. F. Wilson, Fayetteville, Ark.

Setting eggs for sale. English White Leghorn egg laying strain; price \$1 per 15 and \$5 per 100. Postage prepaid. Mrs. Ben B. Womac, Capps, Ark.

Single Comb Rhode Island White hatching eggs, Royal strain, official record 202 to 269 egg stock; \$1.75 per 15, \$3 per 30. Ella M. Swindler, Batesville, Ark.

Choice White Wyandotte eggs, \$1 per 15. Mrs. A. L. Thomas, Lowell, Ark.

Single Comb Rhode Island Reds; eggs \$2.50 per 15, \$8 per 100. Cockerels \$2.50 each. None better. Mrs. G. P. Midson, Springdale, Ark.

Mammoth Imperial duck eggs, \$1.50 for 13. Emily Singleton, Huddleston, Ark.

One-year-old White Wyandotte rooster. Mrs. W. W. Pearson, Gravette, Ark.

Single Comb Rhode Island Red eggs. Good laying strain, 75c per 15, \$4 per 100. F. L. Jones, R2, Sulphur Springs, Ark.

S. C. Rhode Island Reds; first prize winners. Eggs \$1 per 15. Mrs. H. S. Smith, Royal, Ark.

Pure bred Single Comb White Leghorns, line bred for four seasons. None better for heavy egg production or fancy show birds. Hatching eggs, 15 for \$1; 30 for \$1.75; \$3 per 100 in case lots by express not prepaid. J. C. Phillips, Summers, Ark.

Single Comb White Leghorn, Farris strain, hatching eggs, 15 for \$1. Mrs. Lee Chism, Lonsdale, Ark.

Pedigreed Silver Laced Wyandottes, cock birds, \$5 each; hens, \$2.50 each; eggs, \$1.50 for 15. Mrs. L. W. Forbes, Hackett, Ark.

Pure bred Buff Orpington eggs, \$5 per 100, \$1 per 15. Mrs. T. B. Utterback, Gazette, Mo.

Large, pure bred S. C. W. Leghorn eggs, prize winning certified cockerels in the flock, \$1 per 15, \$4.50 per 100. Mrs. T. B. Utterback, R. F. D., Gazette, Mo.

Buff Leghorn Eggs, pure bred, winter laying beauties, 15 for \$1, 50 for \$2.75, 100 for \$5, postpaid. J. A. Parker, L. B. 406, Uniontown, Ark.

S. C. R. I. White eggs for hatching, from select range flock, \$1.50 per setting, or \$8 per 100. Mrs. H. L. Puryear, Bentonville, Ark.

Barred Rock eggs, \$1.50 a dozen. Russell L. Hinckley, R1, Box 14, Hot Springs, Ark.

English S. C. White Leghorns, official pen record of 102 eggs at Fayetteville for January. Select eggs, \$1.50, \$2 and \$2.50 per 15, postpaid. Canterbury Bros., Ozan, Ark.

Pure bred Rose Comb White Wyandotte hatching eggs. Fishel strain; \$1 for 15. Also pure bred Buff Orpington duck eggs, \$1.50 for 12. Mrs. Worley Johnson, Des Arc, Ark.

Eggs from sweepstake prize winners and Blue Ribbon strain of S. C. R. I. Red, \$2.50 for 15, delivered. Ozark Fruit & Poultry Farm, Siloam Springs, Ark.

Silver Wyandotte Everlaying Beauties. Eggs as they run from my Wonder State pen and pen No. 2, \$3 for 15. English S. C. White Leghorn eggs, \$1.50 for 15, all postpaid. Nine chicks guaranteed from each setting. Lewis T. Sanders, McNeil, Ark.

English White Leghorn cockerels. Pure Tom Barron strain. Price \$2.50 each. Mrs. W. A. Davis, R3, Gentry, Ark.

Single Comb Ancona eggs, per 15, \$1.25, or 30 eggs for \$2.25. N. B. Stewart, R4, Bonnerdale, Ark.

Shepard strain Ancona eggs, \$1 for 15 eggs. Miss Brownie Herring, Greenbriar, Ark.

Barron S. C. White Leghorn (300-egg hen) eggs, \$1 per 15, \$5 per 100. Day old chicks, \$12 per 100, postpaid. Mrs. E. B. Jackson, R3, Bentonville, Ark.

Single Comb Dark Brown Leghorn eggs for hatching, \$4 per 100. Mrs. Olin Jackson, R3, Bentonville, Ark.

S. C. White Leghorns, pure bred stock. Mrs. W. S. Stenebargen, Box 46, Grand Glaize, Ark.

Ancona cockerels from Shepherd's strain, \$1 each. Mrs. Lucy Holmes, R2, Heber Springs, Ark.

Poussin duck eggs, \$1.25 per 11, postpaid. D. A. Lambert, Amity, Ark.

Pure bred Barred Rock eggs from select stock, \$1.50 per 15; \$2.50 per 30; \$7.50 per 100. Mrs. W. A. VanDeMark, R5, Lamar, Mo.

P. C. White Leghorn eggs, \$1.50 per 15; also Barred Rocks at \$1.50 per 15. W. S. Ballard, Lebanon, Mo.

S. C. Rhode Island Red breeding eggs and stock. L. R. Watson, Smithville, Ark.

Rose Comb P. I. Red eggs for hatching. Club members, \$1 per setting. Emma A. Robbins, R4, El Dorado, Ark.

S. C. R. I. Red, \$2 per 15. E. M. Billingsley, Gravely, Ark.

Pure bred Barred Rock eggs, \$7.50 per 100; \$4 per 50, or \$1.50 per single setting, two settings \$2.50. From fine large individuals; good layers. Mrs. W. A. VanDeMark, Lamar, Mo.

Leading Anconas in National egg laying contest. Eggs, 100 \$7.50; \$4 for 50; \$1.75 for 15. Chicks, 20c. Mrs. Avery Allen, Macon, Mo.

Turkey eggs or Pearl Guinea eggs to exchange for Buff Orpington eggs, hen or duck. M. M. McCall, Bradford, Ark.

Three full blood R. C. Brown Leghorn pullets (now laying). Will take \$3.75 cash for the three, or exchange for three full stock Buff Orpington hens or Buff Orpington ducks or duck eggs. M. M. McCall, Bradford, Ark.

Pure Single Comb Brown Leghorn eggs, \$1.25 per setting of 15. Bertha Schwarz, Ozone, Ark.

Seeds and Plants for Sale

Certified Nancy Hall seed potatoes, \$1.50 per bushel. R. C. Puryear, Bentonville, Ark.

Aroma strawberry plants, \$2 per 500, \$3 per 1,000. Early Harvest Blackberry plants, \$6 per 500, \$10 per 1,000. Roy Whitney, Garfield, Ark.

Everbearing strawberry plants, \$1 per 100. R. Lambert, R2, Box 39, Amity, Ark.

Mung beans, 85c a pound. Giant beans, 5c a pound. N. B. Stewart, R4, Bonnerdale, Ark.

Small red cedar trees for sale, for small lots, 5c each or \$3 per 100. Postage prepaid. L. E. Allred, La Rue, Ark.

Hastings syrup cane seed, 10c per pound. Wilbur Jackson, Pfeiffer, Ark.

Young red cedar, Silver leaf maple or Holly sprouts, 50c each or three for \$1. Nellie Harper, Bonner, Ark.

Assorted hardy chrysanthemums, 6 for 25c. Mrs. M. Donaldson, R6, Paragould, Ark.

Canna bulbs, 25c per dozen; giant red. Mrs. J. R. Campbell, Siloam Springs, Ark.

Bunch velvet beans in two and one-half bushel bags, \$1.60 per bushel, no bags broken. W. B. Hawes, Alexander, Ga.

Choice Mung bean seed for sale at 50c per pound. M. J. Blakely, Grannis, Ark.

Selected and tested Mammoth white seed corn \$2 bushel, f. o. b. here. R. H. Toll, R1, Hazen, Ark.

Mung beans, three pounds for \$1. Enough for one acre, \$2.50. A. E. Dowell, Springtown, Ark.

Velvet bean seed, 1922 crop, recleaned and in good strong two and one-half bushel bags; early speckled 90-day runners, \$1.40 per bushel; bush or bunch, \$1.75 per bushel; 100-day speckled Oceola runners, \$1.50 bushel. All f. o. b. this point. C. E. Stephens, Alexander, Ga.

White Spanish Peanuts, for seed or roasting, 6c per pound. W. J., C. E. or O. L. Rudisalle, O'Neal, Ark.

Whippoorwill peas, \$3 per bushel, f. o. b. shipping point, Nashville. L. W. Owens, R2, Bingen, Ark.

Nunn's Acala cotton seed No 5, first year from Nunn's pedigree seed farms, \$1.50 bushel, postpaid on three bushels or more. John Carolan, R3, Booneville, Ark.

Excelsior, Klondike and Aroma strawberry plants for sale, \$2.25 to \$3 per 1,000 plants. Emery Hopper, Austin, Ark.

Strawberry plants of every variety suitable to Arkansas, selected and carefully packed; every customer satisfied. J. A. Bauer, Judsonia, Ark.

Hardy Himalayan berry plants, 15c each, \$1 a dozen. Mrs. Dora Parsons, Wickes, Ark.

One thousand pounds of groit and clay cowpeas. T. L. Nichols, Parkdale, Ark.

Neals' Paymaster and Mosby's Prolific seed corn. Earl Kilpatrick, Marianna, Ark.

Seeds Wanted

Johnson County White corn, in the ear. Fred Butler, Beryville, Ark.

Black field peas. Jackson Crouch, Hazen, Ark.

Geoseneck molasses cane seed. Jack Howard, Capps, Ark.

Ten bushels of orange or honey drip cane seed. F. P. Owens, Bingen, Ark.

Vandiver's Heavy Fruiter cotton seed, raised in Arkansas. C. C. Caughman, Tulip, Ark.

Miscellaneous for Sale

Trained coon, skunk, 'possum and squirrel hounds. Ray Langston, R2, Box 75, Green Forest, Ark.

One hundred-egg incubator for sale or exchange, good as new. W. P. Stanphill, R2, Alpena Pass, Ark.

Three-year-old pointer, fine hunter, big ranger, all day hunter, retriever, whip broke. A. L. Austin, St. Paul, Ark.

Female hound, three years old, first class coon, 'possum, skunk and squirrel dog, \$25. M. J. Blakely, Grannis, Ark.

Black and tan hound, good on skunks and 'possum; would trade for spotted Poland China or Hampshire pigs. Willie Presley, R3, Bentonville, Ark.

Three well trained coon, 'possum, mink and skunk hounds. W. E. Meeks, R1, Charleston, Ark.

Twenty-five colonies bees, in Longstroth hives, including supers and frames, painted white, three coats, at \$4 per stand. H. P. Pearson, R. R., Bald Knob, Ark.

Nice comb honey, 20c per section. Mrs. J. F. Hammond, Elizabeth, Ark.

Several cars good snap corn for sale. M. L. Williford, Marmaduke, Ark.

Fifty-pound box of fancy evaporated apples for \$4, f. o. b. M. A. Dorman, Farmington, Ark.

Fox and wolf dogs, \$25 to \$35 a pair. Floyd Moore, Aplin, Ark.

Pure white extracted honey, 15c per pound. J. B. Little, Abbott, Ark.

Photographic outfit, 5/7 camera, \$50. W. T. Weatherford, R1, Box 18, Potter, Ark.

De Laval cream separator No. 12. Mrs. I. N. Stevens, R5, Box 6, Green Forest, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 5

LITTLE ROCK, ARKANSAS

May, 1923

Step Forward in Agricultural Training of Boys and Girls in Formation of Junior Potato Growers Association

GARLAND County Club boys, under the able leadership of County Agricultural Agent Steele Kennedy, have organized a Junior Potato Growers' Association. Ninety-five boys and five girls constitute this agricultural club.

These young Americans elected a president, secretary, and treasurer of their Association and appointed proper committees to handle their problems. They formulate their own rules and regulations. In fact, they make a business organization of their membership, thereby becoming conversant in civic matters and parliamentary procedure.

Their guiding star, Steele Kennedy, the county agent, is ever ready to give these youngsters the needed suggestions in their forward and progressive movement. It was through Mr. Kennedy's foresight and wisdom the Hot Springs Rotary Club got back of this movement with Hamp Williams, Dr. J. E. Combs and others at the steering wheel.

The seed potatoes were bought and promissory notes executed by each of the association members, and one hundred Rotarians responded by taking over each one note. Then Mr. Kennedy wrote a letter to each member of the association stating the name of the Rotarian who held a promissory note against him. It was requested in Mr. Kennedy's letter that the member get in touch with the business man holding said note.

One pronounced regulation was that all members plant their potatoes on a certain day and harvest them on a date to be agreed upon by the association. Each member has special instruction from the county agent, and government bulletins are furnished free to the members. So a test is given by these one hundred farm boys and girls, the progressive citizens and leaders of tomorrow.

The Arkansas Farm and Marketing Bulletin approves such progressive and helpful county agent work. It brings the very best methods forward and teaches practical lessons along agricultural lines. It cultivates a spirit of co-operation and brings the country and city people closer together and promotes a better feeling and understanding of each other's problems.

It brings about confidence and inspires the young people to greater activity in civic affairs. It affords an acquaintanceship and makes comrades of neighborhood boys and gives employment to idle minds. In truth, it is a worthwhile test for promoting a better, higher and nobler citizenship. May other counties profit by following in this or similar undertakings for their young farm boys and girls.

Parents of the boys and girls who

THESE GARLAND COUNTY POTATO GROWERS ARE ORGANIZED LIKE BUSINESS MEN



Junior Potato Growers' Association Organized at Hot Springs by County Agents Steele Kennedy and Sarah Jane Trussell

joined the association are enthusiastically backing the organization and are doing all in their power to help the young people to learn the business side of farming.

In connection with this Junior Potato Growers' Association, Garland county has one unexcelled home demonstration agent in Mrs. Sarah J. Trussell, who is doing a wonderful work for the girls in her gifted line.

Along with this agricultural activity comes County Superintendent Garnett

Broughton, who is deeply interested in the country boys and girls. Superintendent Broughton co-operates and works hand-in-hand with the agricultural agents. So these wide-awake young folks' leaders and lovers are doing a worthwhile service for Garland county.

Officers of the Garland County Junior Potato Growers' Association are: J. C. Goodwin, Hawes, president; John Smith, Mountain Valley, vice president; Hazel Johnson, Mountain Val-

ley, secretary. The buying committee is composed of Nollie Fowler, Rose Shelby and Louise Bledsoe, all of Mountain Valley. The marketing committee consists of Homer Golden, Mill Creek; Emmett McCaslin, Bear; Ernest Houser, Ouachita; Nollie Fowler, Mountain Valley; Cicero Johnson, Hempwallace; Bernie Ferrel, Fourche Loup; Freeman Slaten, Crystal Hill; Frank Trussell, Percy; Willie Hurst, Morning Star; Ollie Smith, Sunshine, and Leo Martin, Hawes.

The association will specialize in the growing of Bliss Triumph variety of sweet potatoes, which are well adapted to this section.

This method of agricultural training is different from previous systems of instruction in that it teaches the boy and girl not only how to grow their crops but how to market them, and in these times the marketing feature of the farming industry is the biggest

part of the work. The farmer who produces large crops and then fails to sell them at a profit has not made a success of his undertaking.

When it was decided that this group of young Garland county farmers were to go into the business of growing sweet potatoes, the county agent took them into a conference to decide what variety of potatoes they should grow. These must not only be the kind of potatoes that would produce well on the soil and under the climatic conditions of this part of the state, but they must be potatoes that people would want to buy after they were produced and that would bring the growers a reasonable profit. A great many things had to be considered in making this decision, but in considering them the boys and girls learned many things that will be useful to them in after years, and it seemed more like playing than like going to school.

In the same manner they were directed in the purchase of seed, in the selection of fertilizer, in the buying of packages, and they will be guided by the experience and knowledge of the county agent when the potatoes are ready to be marketed.

Champion Milk Cow of State at College of Agriculture



Arkansas's Johanna Snowball

Homeseekers Who Want to Buy Arkansas Land

D. W. Lashbrook, Box 234, Smackover, Ark., is looking for a location suitable for raising poultry.

Elmer Sauvain, 104 Republican St. Concordia, Kan., is seeking information about the climate and lands, and would like a place for general farming in Arkansas.

George Courtright, 2324 Wood St., Shelbyville, Ill., requests information in regard to state land for sale. He is especially interested in the district between Batesville and Little Rock.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

Hamp Williams and His Sow

Hamp Williams of Hot Springs, food administrator during the world war, is one of Arkansas' foremost business men. He has practical ideas of service to the farmers of his county and is pushing club work and giving inspiration to the farmer boys and girls of Garland county.

Mr. Williams believes in working with the young people. He spends both time and money in promoting agricultural projects. He is the right hand man to the county and home demonstration agents of his county. He gives his influence and money to push their work.

Hamp, as he is familiarly called, gave away seventeen pure bred Duroc boars to farmers in seventeen communities in his county, with one restriction: that each farmer would breed one sow free, and one only, for twenty neighbor farmers. This meant seventeen times twenty, or three hundred and forty sows bred to a pure bred Duroc boar. When the farmer had bred the boar to twenty sows of his neighbors, it was required of him to notify Mr. Williams of the name and

address of each farmer. Suppose each sow had a litter of ten pigs each, then 3,400 Duroc pigs took the place of scrubs. In a few years all Garland county farmers will have a good breed of Duroc hogs.

Mr. Williams is doing a similar work in poultry by buying the best eggs and turning them over to Mrs. Sarah Jane Trussell, the county woman agent, to give to farm girls who will make proper use of them. He has paid as high as \$20 a dozen for a setting of eggs. Such progressive work, within a few years, means better poultry throughout Garland county. The same thing is taking place with tests in good seed corn, cotton, etc. Such work is safe, sane and practical.

The business men of every town in Arkansas would do well to put into practice some of the things Hamp Williams is pioneering in Garland county. The business men must sooner or later realize they must give something to agriculture as well as take from it. It is imperative that it work both ways.

Homeseekers Who Want to Buy Arkansas Farms.

Chas. T. Schrider is interested in the agricultural resources of Arkansas. He requests information concerning same.

"I am especially interested in information concerning agricultural lands, their price, location, soil, timber, rainfall and crops."—D. C. Empie, Rockford, Mich.

Three families interested in general farming in Arkansas wish to move here in the early spring; information wanted in regard to rainfall, climate, crops, markets and health conditions of the Ozark section. L. J. Reed, 102 West Lake St., Route 36, Chicago, Ill.

"Please send me information on homestead, government, or other vacant land in Arkansas."—Fred Butler, Berryville, Ark.

What has Arkansas to offer the new settler? Send information to Charles E. Howard, East Moline, Ill.

J. L. Quacyhaegen, Route 3, Many, La., asks for information on the farming and poultry business in northwest Arkansas.

Melvin Matson, Box 93, Almont, N. D., wishes to sell his farm of 467 acres in that state, as he is planning to move to northwest Arkansas.

Barney Woods, R1, Mist, Ark., wishes to buy a 20-acre apple orchard in the Ozark mountains.

E. V. Lange, Louisburg, Kan., is interested in homestead lands in Arkansas. He wishes a home in the mountains where he can raise garden truck, berries and some stock.

"I am expecting to locate in Arkansas and wish information concerning the farming sections. What kind soil is it and what are the principal crops?" Fay Houser, R1, Robstown, Tex.

"I wish to engage in fruit raising and general farming in the Ozark region of Arkansas and desire a pleasant and healthful place to live." J. Virgil Moore, 1616 Polk St., Amarillo, Tex.

Glenn Hoard, R3, New York Mills, Minn., asks for information concerning state land for sale.

A. L. Maska, R2, Gorham, Kan., is interested in buying or homesteading land in northwest Arkansas.

John B. Mewes, R1, Stratton, Colo., asks for Arkansas literature.

A. M. Grimes, R3, Wauchula, Fla., wishes to buy a small fruit and truck farm of thirty or forty acres in the Ozarks and near good markets.

L. R. Cook, Box 48, Sylvia, Kan., is interested in poultry raising in Arkansas, especially in Yell and Logan counties, and asks for information concerning climate and markets. He

would like to buy a farm in this section.

The following names have been sent us as prospective homeseekers in Arkansas, and literature has been sent to them: David V. Menius, Bellvue, Kan.; Bert L. Cook, Centerville, Kan.; George E. Thompson, Roy J. Groves, Fred Salmon, George Hudson, Carl Coleman, G. A. Josephson, J. E. Aldrich and Homer Stewart, Sylvia, Kan.; George E. Cook, Pratt, Kan., and B. W. Marshall, Cimarron, Kan.

Russell S. Hallitt, 1525 Jane St., Flint, Mich., a prospective homeseeker, asks for Arkansas literature.

W. E. Hudson, Donna, Tex., asks for literature concerning the northwest part of Arkansas.

"Please send me literature on state and homestead lands in Arkansas." John M. Foster, 410 South Des Plaines St., Chicago, Ill.

F. H. Blacker, Ceresco, Neb., writes for information on homestead lands in Arkansas and is especially interested in Van Buren, Johnson and Fulton counties.

A. J. Abbott, 225 Federal Place, Santa Fe, N. M., asks for information concerning agricultural conditions in Arkansas.

"Please send me literature concerning Arkansas, as I am planning to locate there." John Hunt, 226 South Grace St., Indianapolis, Ind.

G. L. Winters, Thomas, Okla., is interested in the country surrounding Hot Springs and asks for information concerning general farming and marketing there and whether or not nut trees can be raised in that region.

A complete set of our Arkansas literature has been sent by request to Harry C. Garlin, 532 Scott St., Monett, Mo.

Ernest Leuba, 821 North Tenth Ave., St. Petersburg, Fla., would like to buy about 100 acres or more in a good healthful location in northwest Arkansas with good improvements and where he can have plenty of fruit and wood. He prefers to be on a river or lake.

"Would be pleased to receive literature descriptive of points of interest in Arkansas." Mrs. T. O. Mahan, Shirley, Ark.

E. M. Skillings, R3, Neosho, Mo., requests literature on government land in Arkansas.

"Please send me literature concerning lands along the Missouri Pacific railroad between Little Rock and Fort Smith." H. G. Flint, Lake Park, Ia.

On account of an invalid wife, F. W. Ellis, Alta, Ia., wishes to locate in Arkansas near a health resort beneficial to rheumatism. He is a farmer and requests information concerning the soil and climate.

Elmer R. Taylor, East Jordan, Mich., requests literature concerning schools, climate and health conditions in Arkansas.

S. Gagstetter, Van Tassel, Wyo., is interested in homestead land in Arkansas, and literature has been sent to him.

Joseph R. Doigter, 4722 Vernon Ave., St. Louis, Mo., requests information in regard to government land in Arkansas; also wishes to know whether or not cheap range or good ranches can be had in the northwestern part and its adaptation to stock raising.

FARMS FOR SALE

Unimproved Land in Benton County—40 acres of good unimproved land located five miles from Gravette and on good road. A bargain at \$10 per acre. Mrs. Harry Dauben, Gravette, Ark.

Residence for Sale—A two-story six-room house on two lots near Western Methodist Assembly. Price \$3,000. Will take \$500 in trade, \$1,000 in cash and balance at 8%. Will take a new model Ford or other standard car. John Whitaker, Prairie Grove, Ark.

Forty Acres Cheap—18 acres cleared, balance timber and pasture. Limestone soil; three-room house, barn, fine garden, lasting well water, fine location and outlet to free range; bordering town; high school. Fine for dairy or poultry farm. Price \$640. C. O. Smith, Poughkeepsie, Ark.

Ideal Stock and Grain Farm—Baxter county; 70 acres in cultivation. Clear title. Price \$18 per acre, or would exchange for hotel in small town. Mrs. Sarah Jones, R2, Mountain Home, Ark.

"I am interested in state and government land in Arkansas where there is a good stock range; please send me literature concerning same." Alfred Messer, Route A, Box 234, Arcadia, Fla.

William McCoy, Chautauqua, Kan., requests information concerning homestead or government land in Arkansas.

Literature concerning state lands in Arkansas has been sent, by request, to L. A. Fitzsimons, 109 King St., Brooklyn, N. Y.

"Kindly send me literature regarding state land for sale, and description of the natural resources." H. M. White, 65 South Eleventh St., Minneapolis, Minn.

R. I. Tracy, Tucker, Pasco county, Florida, is coming to Arkansas this spring in search for a farm home, and requests information concerning state or school land. He is interested in the Arkansas river valley.

T. G. Watkins, care Atlantic Oil Producing Co., Haynesville, La., writes for information concerning agricultural land open for settlement.

F. E. White, manager Atlas Lumber Co., Chelsea, S. D., wants to buy a reasonably priced grain and stock farm in Arkansas.

E. C. Williams, Box 452, Miamisburg, Ohio, wishes to locate in a high and dry section of Arkansas and would like to buy a farm adapted to raising hogs, cattle and poultry and near good markets for trucking.

"I am anxious to make Arkansas my home and would like information concerning homestead lands." A. Callihan, Box 73, Liverpool, Tex.

Morris Bradbury, 1201 North Maple St., McPherson, Kan., wants to buy a small poultry farm in northwest Arkansas and requests literature in regard to that section.

Carl Orgaard, Wheelock, N. D., requests information about state land in Nevada, Ouachita, Columbia and Union counties in Arkansas.

William H. Arbogast, Box 203, Ajo, Ariz., requests information on the agricultural possibilities in Arkansas.

"Please send me information concerning farm lands for sale in Arkansas." Lena Macon, Fort Bayard, N. M.

Married man, graduate of agricultural college, understands commercial production, cattle, sheep, hogs and poultry; was with Montana Live Stock Sanitary Board five years, taught Smith-Hughes agriculture two years, wants employment. Fred Moran, 4419 West Tenth St., Little Rock, Ark.

R. C. Craig, 3621 Travis, Ave., Dallas, Tex., wants to trade his modern home, valued at \$7,750, for a good farm in Arkansas.

W. R. Hutson, R1, Barclay, Kan., wishes to move to Arkansas, and asks for literature.

Literature descriptive of the agricultural and mineral resources of Arkansas have been sent by request to O. E. Wald, Prelate, Sask., Canada.

J. R. Drowne, Plano, Ill., wishes about 160 acres in the southwestern or south central part of Arkansas. He is especially interested in homestead land.

Antonas Wirszillas, 10939 South Michigan Ave., Chicago, Ill., wants homestead land for general farming in southwest Arkansas. Literature has been sent to him.

Benton County Farm—60-acre fruit and grain farm for sale or trade, six acres good timber, good water, and close to church and school. Fine for poultry farm. G. T. Boss, R1, Box 69, Lowell, Ark.

Farm Near Siloam Springs—280 acres with 50 acres tillable. Two small houses and fine water. All fenced and cross fenced. Price \$12 per acre; terms. Mrs. B. H. Hurlock, Siloam Springs, Ark.

650-Acre Farm—100 acres valley land in cultivation, balance in virgin timber. Good pasture, four-room house, barns, etc. Price \$15 per acre. Long terms. Mrs. B. H. Hurlock, Siloam Springs, Ark.

440-Acre Farm—Ten acres orchard, two houses, barns, etc.; all fenced and cross fenced; 150 acres in cultivation. Price \$25 per acre; terms. Mrs. B. H. Hurlock, Siloam Springs, Ark.

Berry, Fruit and Truck Farm—Forty acres, two miles out; 35 acres in culti-

vation, six acres heavy bearing orchard; strawberries and raspberries; price \$3,500; terms. Mrs. B. H. Hurlock, Siloam Springs, Ark.

Benton County Farm—116 acres partly improved, 12 acres bottom land cultivated; good for stock, fruit and grapes; three miles from Gravette. Price \$1,500. Will trade for business property or residence in town. Fred Keeler, Gravette, Ark.

Fruit and Poultry Farm—Good land suitable for raising fruit and poultry; good wire fence, three-room house, only \$600; terms. O. C. Yoes, Van Buren, Ark.

Independence County Farm—134 acres, 70 in cultivation, good timber on balance. Good house, barn and other outbuildings; good water; price \$3,500, \$2,000 cash, balance on seven years time at 8% and buyer assume rental contract for this year, or \$3,000, half cash, and reserve rent on farm this year. J. B. Farris, Charlotte, Ark.

Saline County Farm—195 acres with about 12 cleared; some fine orchard land, three miles south Little Rock-Hot Springs Highway. Price \$2,000. J. B. Williams, R1, Slocomb, Ark.

Fruit and Stock Farm—45 acres good timber and pasture land, 65 in cultivation, 10 in meadow, five in bearing strawberries, one each of peaches and blackberries; four-room house and other buildings. Price \$4,500. Will consider trade. W. A. Rew, R1, Box 111, Springtown, Ark.

Washington County Fruit and Grain Farm—134 acres, practically all tillable and greater part in cultivation; 14 acres orchard; six-room house, large barn and other outbuildings; fine valley farm. Price \$150 per acre. H. W. Johnson, Ottawa, Kan.

20-Acre Farm—16 acres under cultivation, three-room house, chicken house and shed; some young fruit trees and other improvements; mile from railroad; fine truck, dairy and chicken proposition; \$850. B. A. Bethurem, Elmore, Ark.

Mountain Farm—160 acres; fine location for stock, poultry or fruit farm; four-room house and other buildings. George T. Graves, R1, Womble, Ark.

Newton County Farm—Contains 240 acres with 75 in cultivation, 14 in clover, one in wheat, 50 in apple trees and five peach; three-room house, barn smokehouse and blacksmith shop. Near Jefferson Highway; \$1,800. M. S. Jones, Hasty, Newton county, Ark.

Randolph County Farm—160-acre farm with improvements, located in the Ozarks. Will sell for \$3 per acre cash. James J. Smith, R2, Mammoth Spring, Ark.

160-Acre Stock Farm—All under fence, and will raise corn, alfalfa, clover, grain, potatoes, fruits and vegetables. Plenty of pine and oak timber; good buildings and good roads. Apply C. W. Berry, Eureka Springs, Ark.

Unimproved Land—160 acres, all in oak timber, adjoining above farm. Will sell either or both of these tracts. Prices reasonable. C. W. Berry, Eureka Springs, Ark.

Grain or Dairy Farm—82-acre farm with fine blue grass pasture, young orchard, three miles from Harrison, near highway; \$100 per acre, with terms. Chas. H. Wood, R2, Harrison, Ark.

Two Lots for Sale—New four-room house on lots, and other outbuildings. All level land and no rock; city water, two blocks from city school. Price \$1,250, incumbrance \$500 due March, 1924. Terms. S. Manire, Garfield, Ark.

Sebastian County Farm—Contains 143 acres all under fence, and 100 acres in cultivation, balance in pasture. Good dwelling houses and barns; 20 miles from Fort Smith. Price \$30 per acre, and will sell on five-year terms. Plymouth Forbes, Hackett, Ark.

Nevada County Farm—160 acres, of which 100 are in cultivation and 60 in good merchantable pine timber; two good tenant houses, and owner's home a fine bungalow. For particulars write Earl R. Rogers, R1, Box 80, Emmet, Ark.

Farm Near Green Forest—20 acres, one mile from town, 500 fruit trees, good water, three-room house and sleeping porch, telephone, three springs, fair outbuildings, good cellar, and fuel for family use; \$2,800. Mrs. E. N. Stevens, R5, Box 6, Green Forest, Ark.

Yell County Farm—80 acres adjoining town of Havana, an ideal place for a dairy farm. Nearly all in cultivation. Good house and three wells; price \$2,000 on terms of \$1,000 cash and balance easy payments. W. Q. Hall, R2, Blue Mountain, Ark.

Farm on Petit Jean River—Contains 138 acres with all in cultivation except about 30 acres; house and barn; price with stock and crop and farm implements, \$10,000; half down and remainder on easy terms; tenant house on place. Apply W. Q. Hall, R2, Blue Mountain, Ark.

Limestone Soil Farm—Farm of 289 acres, 150 in cultivation and 200 under fence, orchard, six-room house, large barn, one tenant house, fine springs, eight miles to railroad and two miles from Melbourne; \$4,000. J. J. Clift, Melbourne, Ark.

Boone County Farm Bargain—200 acres, 164 in cultivation, 40 in timber, 40 in orchard grass and clover and five in alfalfa, all fenced and close to good free range, one-fourth mile from railroad station and one-half mile from school. Will sell all stock and farm implements cheap, \$25 per acre. J. A. Thompson, Bellefonte, Ark.

Boston Mountain Farm—Contains 59 acres with 12 in cultivation, three in pasture and 44 in timber, two-room

house and good barn; family orchard and fine spring; clear title to land; \$4,000. Mattie Beverage, Dabney, Ark.

Timber Land—30 acres of timber land clear of rock; good land; reason for selling, not able to improve; \$400. Ed Puryear, Gravette, Ark.

Farm to Trade—Contains 275 acres with 45 or 50 acres of bottom land in cultivation and 30 of upland; 150 acres well timbered; location for mill; seven-room house and outbuildings. Will trade for farm or a good business close to high school or college. D. W. Campbell, Snowball, Ark.

Fruit, Truck and Poultry Farm—40 acres with 30 in cultivation; six-room bungalow, barn with stalls for ten head of stock; concrete cellar, and smokehouse, chicken and woodhouses; fruit of all kinds. I. Ross Silvey, P. M., Cove, Ark.

Unimproved Land—160 acres of pine timber at a reasonable price. W. A. McKinney, Russellville, Ark.

Two Ozark Farms—One of 160 acres with 50 in cultivation and good orchard, and one of 80 acres with 35 in cultivation and small orchard. James R. Neal, Williford, Ark.

Timbered Land—400 acres of white oak, black oak and hickory on the Newton and Johnson county line; \$8 per acre; 640 acres in tracts of 80 to 200 acres white oak cut off; \$2.50 to \$3.50 per acre. S. C. Warren, Ozone, Ark.

Farm Near Des Arc—80-acre farm ten miles from Des Arc with 75 acres in cultivation and all under good fence; good houses, barns and water. Price \$850 cash, or \$1,000 on terms of \$500 down and balance \$75 per year with 5% interest. James T. Webb, Box 242, Des Arc, Ark.

127-Acre Farm—55 acres valley land, 15 acres of young apple trees with rows of strawberries set between; nice young vineyard and peach and cherry trees. Two nice houses, good water and barns. Apply C. C. Stafford, Springdale, Ark.

Marion County Farm—240 acres with all but 25 in cultivation; three good sets of houses with outbuildings; good orchard and fine water; fine farm for stock raising; price \$20 per acre cash. T. P. Ott, Yellville, Ark.

Upland Farm—290 acres with 210 under fence; 65 acres in cultivation; produces corn, cotton, wheat, oats, alfalfa, apples, peaches, plums and berries; four lasting spring wells; three-room house and outbuildings; hardwood timber estimated 100,000 feet; 20,000 marketable cedar posts; price \$3,000; terms if preferred. J. M. Clinkenbeard, Henderson, Ark.

Farm in Apple Belt—40-acre farm, 15 in cultivation and seven in orchard; 15 more can be cultivated; new three-room house and outbuildings; all farm implements, stock, crops and household goods included for \$3,200; will exchange for car or time will be given on \$1,200 at 7% interest. Oliver Miles, R1, Box 83, Lincoln, Ark.

Carroll County Bargain—210 acres five miles from good railroad and market town, one mile from highway; good improvements; about 40 acres in crops. Will sell for about what you would pay for unimproved land in this location. Max M. Gunther, R2, Berryville, Ark.

80-Acre Farm—Four acres in cultivation and balance in timber containing oak, hickory and walnut. Good house and barn; nine miles from county seat; price \$3 per acre. Mrs. Mollie Hicks, Nail, Ark.

Unimproved Land—Located in Scott county, one mile west of Chant, Ark.; will take \$600 or will trade for young mules. L. B. Richmond, Nella, Ark.

79-Acre Farm—Good houses and outbuildings, three wells and good orchard; price \$1,575. E. V. Macomb, R1, Dover, Ark.

Stock Farm—In Franklin county, containing 640 acres with 75 in cultivation and 50 more can easily be added; nice home and outbuildings; about 80 acres in pasture; three miles from Barnes and twelve from Ozark; will sell cheap or trade for land in West Texas. G. R. Sewell, Barnes, Ark.

Boone County Farm—Contains 50 acres with 40 in cultivation; good house, barn, smoke house and cistern and fine cellar; plenty of water; six miles to county seat; price \$2,000. W. M. Hastings, R1, Box 128, Harrison, Ark.

126-Acre Farm—25 in cultivation, 150 apple and peach trees and six acres sowed to clover and timothy; good house, well and outbuildings. R. E. Terry, Kay, Ark.

White County Farm—79 acres in the White county strawberry district, one mile west of Bald Knob; fourteen-room house, barns, fine water, 50 acres in cultivation, 10 acres strawberries, five acres fruit trees, fish pond, excellent location for poultry, dairy, fruits, etc. Priced reasonable. John S. McDonald, R1, Bald Knob, Ark.

White River Bottom Farm—Does not overflow; contains 60 acres with 45 in cultivation and 15 in woods and pasture. Good house and outbuildings; \$100 per acre; farm, including stock, farm implements, two autos and several hundred bushels of feed and crops now planted, \$10,000. Crescent H. Farm, Gregory, Ark.

Washington County Farm—Twelve miles from Fayetteville; contains 80 acres with 25 in cultivation; house and outbuildings; 100 apple trees; price \$1,000 on terms. N. S. Tramel, R1, Box 52, Harris, Ark.

Poultry, Berry, Stock Farm—Contains 31 acres, five in timber and rest in cultivation; five-room house, new barn and other buildings; one-half

acre strawberries and two in blackberries; four good Jersey milk cows; \$3,500. A. L. Lancaster, R3, Siloam Springs, Ark.

Unimproved Land—68 acres oak, gum, walnut, ash and hickory; level; no rocks; dark sandy loam; \$10 per acre. E. L. Presley, Hollywood, Clark county, Ark.

Washington County Farm—80 acres with 20 in pasture and timber; four-room house and outbuildings; price \$2,200. R. B. Maxwell, Prairie Grove, Ark.

Benton County Farm—75 acres near Gravette; house, barn, garage and hen-house; apples, grapes, strawberries and other fruit; 25 acres in cultivation; price \$3,500. F. H. Otta, R4, Gravette, Ark.

Greene County Farm—Contains 80 acres with 60 cleared; three sets of buildings and wagon and tool sheds; \$60 per acre on easy terms. A. H. Locke, Delaplaine, Ark.

130-Acre Creek Farm—35 acres in cultivation; three-room house and good frame barn; 75 or 80 peach trees and some nice apple trees; valuable timber land; \$1,500; would take a good Ford touring car. D. O. Friend, R2, Bonnerdale, Ark.

Pike County Farm—100 acres, 65 in cultivation; five-room house and outbuildings; \$3,000 cash. T. M. Parker, Kirby Rte., Amity, Ark.

Farm Near Star City—160 acres with 50 in cultivation and balance in good timber; 100 fruit trees; six-room house and four-room house; well watered; \$2,000. V. O. Pernel, Rest, Ark.

50-Acre Farm—55 to 60 under cultivation; well improved; will sell land, stock and implements at a reasonable price. William Kruger, R2, Berryville, Ark.

Two Stone County Farms—One containing 160 and one 80 acres; 40 acres of first tract in cultivation and two of other; will sell together or separate; first tract well improved. W. R. Hamilton, Wattensaw, Ark.

Benton County Stock and Grain Farm—Contains 165 acres, well improved. D. M. Hunter, R1, Pea Ridge, Ark.

Upland Farm—160 acres six miles from Dover; 60 acres in cultivation and the rest in pasture; 200 fruit trees; well improved; \$2,000. Chas. Brinkman, Dover, Ark.

60-Acre Farm—45 acres in cultivation; well drained, suitable for cotton, corn and alfalfa; two dwelling houses and new barn, on county road, two miles from school and college; \$6,000, easy terms. Dr. J. H. Campbell, Joiner, Ark.

Carroll County Farm—160 acres, 100 acres under fence and 50 acres in cultivation; five-room house, barn and cellar; near good school and church; will trade or sell for \$2,000. G. W. Briseoe, R2, Box 25, Alpena Pass, Ark.

40-Acre Farm—In Newton county, 10 acres fenced; four-room house, barn and fine cellar; 30 fine peach trees; a mile to school and store; one-quarter mile of Buffalo River; will trade for small poultry farm or take \$350 cash. J. W. Estip, Fallsville, Ark.

Cleveland County Farm—Contains 60 acres with 45 in cultivation; all under wire fence; six-room house, barn orchard and fine well; on Pine Bluff-Warren road; 15 miles north of Warren and 30 south of Pine Bluff; \$2,000. F. W. Doster, Star Route, Warren, Ark.

For Sale or Exchange—162 acres, well improved; will trade for smaller farm well improved; worth \$2,500. G. W. Brewer, Jr., DeQueen, Ark., R6, Box 50.

160-Acre Farm—Partly improved; will make a fine stock or fruit farm; near good school; \$10 per acre. A. F. Toliver, Summit, Ark.

Farm Near Alexander—Twenty acres of good upland four miles north of Alexander; well improved; 11 acres of new ground in cultivation; four-foot woven wire fences and cross fences. Apply V. A. Sims, R7, Box 81, Little Rock, Ark.

60-Acre Farm—On good road; good six-room house, barn, garage and other buildings; five acres young apple orchard, two acres berries. Apply Chas. S. Carl, Deatur, Ark.

Lincoln County Farm—160 acres, about 80 of which is in virgin timber; \$12 per acre. D. N. Sautmier, Star City, Ark.

Benton County Farm—90 acres with 50 acres cleared; about 80 apple trees and 40 or 50 peach trees; one acre Concord grapes, three acres strawberries and half acre blackberries. Three-room house, barn, and well improved; 11 miles to Rogers and four miles to Garfield; price \$3,000. B. R. Williams, Garfield, Ark.

Unimproved Land—10 acres fine rich land 1½ miles from shipping point; one acre strawberries. Will trade for Ford touring car. George B. Frederick, R1, Westfork, Ark.

160-Acre Farm—80 acres in cultivation; every foot of land can be cultivated; all level and well improved; fine stock and dairy farm; \$25 per acre; \$2,000 cash and balance on easy terms. H. McCready, Russell, Ark.

Izard County Farm—26½ acres, about 19 acres in cultivation; well improved; near school and church; \$1,000. J. K. Hodge, Zion, Ark.

Farm to Exchange—Want to exchange 100 acres near Wilburton, Kan., for improved farm; do not object to some timber. My land is all clear and is all in cultivation. Nellie R. Piper, R1, Box 28, Wilmar, Ark.

Van Buren County Farm—362 acres with 100 acres in creek bottom land, 60 in high state of cultivation, remainder virgin timber, white, red and black

oak, hickory and pine; house and barn; fine water and good fishing and hunting; also well stocked country store doing a good business; telephone in house; part terms to right party. J. E. Gilles, Archey, Ark.

60-Acre Farm—40 in cultivation, 15 in pasture and five in timber; three-room house, barn and other outbuildings; orchard; three miles from two postoffices; \$1,200, one-half cash and balance on easy terms. E. M. Billingsley, Gravelly, Ark.

Crawford County Farm—234 acres of which 50 or 60 are in cultivation and about 75 in woodland; good pasture; eight-room house; big barn, blacksmith shop, grist mill, cane mill, gasoline engine, two head horses, 10 head or more cattle, farm implements; \$1,000 cash. J. L. Osburn, Box 11, Schaberg, Ark.

Greene County Farm—80 acres, six miles from county seat, part hilly and about 25 acres good creek bottom land; new seven-room bungalow, and fruit for family use; \$3,500. S. H. Jarvis, R2, Marmaduke, Ark.

Eighty Acres of Timber—Estimated as forty thousand feet of saw timber and ten thousand feet of cross ties; all can be cultivated when cleared; seven and one-half miles to Harrison, one-half mile to school, church and store and saw mill; on good highway. Price \$12.50 per acre; terms to suit purchaser. G. R. Lawson, R. 3, Batavia, Ark.

One Hundred and Fifty Nine Acres—Sixty acres in cultivation; three-room house and outbuildings; good spring and cistern; daily mail and telephone line. The soil is limestone and lies mostly level; in free range; some fruit on place. Ross Green, R. 4, Harrison, Ark.

Newton County Farm—153 acres, forty acres in cultivation, the rest in fine white oak and hickory timber; one-half mile to church and school; two and one-half miles to Jefferson highway; three-room house and outbuildings, cistern in yard; good free range. This is one of the most picturesque places in Newton county; price, \$6 per acre. H. Agee, Western Grove, Ark.

For Sale or Exchange—Benton county farm; will exchange for stock of merchandise or for small improved acreage near good town. Would have to have cash for difference. John B. Bishop, R. 3, Box 117, Gravette, Ark.

Washington County Fruit Farm—Sixty acres; 1,000 apple trees, peaches and plums; good three-room house, barn, apple drier and other outbuildings; near store and school, daily mail, nine miles to railroad, two small towns between place and railroad. Price \$2,750, or would trade for good property, Delaware, county, Okla., preferred. W. E. Frederick, Cane Hill, Ark.

Carroll County Farm—81½ acres, four and one-half miles northwest of Berryville, county seat; sixty acres under fence, fifty-eight in cultivation, five acres in bottom land; good alfalfa land, family orchard; good barn, four-room house with good well; most land not in cultivation is in timber; abstract title. Price \$1,400. W. H. Clinkenbeard, R. 2, Box 28, Berryville, Ark.

Forty Acre Farm—Thirty-five acres in cultivation, four-room house; good outbuildings including potato house, fruit, and storm house; will include all stock, poultry, farming implements and household furnishings. For particulars write owner; price, \$1,500 or will make easy terms. The farm is located three miles south of Genoa, on Cotton Belt railroad. K. E. Langan, R. 1, Box 62, Genoa, Ark.

One Hundred and Ten Acre Farm—Forty acres in cultivation; sixty acres under fence. Good four-room house and barn, good water; span of mules; nine hogs, farming implements complete. Price \$2,000, \$1,000 cash and terms on balance. Old age is reason for selling. Mrs. Mary D. Young, Jessierville, Ark.

Benton County Farm Complete—Located four miles south of Rogers, six miles north of Springdale, one mile north of Lowell, on highway; ten acres under fence, good blue grass pasture, strawberry patch; good two-room house and several outbuildings; will include stock, poultry and household goods. Price, \$1,500. For further information write, W. D. Plank, R. 2, Lowell, Ark.

Timber in Cleburne County—700 acres of fine white oak timber in northwest Cleburne county, three miles from M & N A railroad. Buck Ware, Brewer, Ark.

Pike County Farm—Sixty acres, 30 in cultivation; some creek-bottom land; good five-room house and tenant home; on rural route and telephone line; near schools, churches, and town. Located in best farming district of Pike county. Will sell or trade for small telephone exchange. Price \$2,200, terms if desired. Robt. Andrews, R. 2, Box 10, Delight, Ark.

Fruit Farm Near Hot Springs—Nineteen acres, good orchard land, sixty bearing peach trees, produced 100 bushels last season; good three-room house. Price \$100. John A. Snodgrass, R. F. D., Box 202, Mountain Valley, Ark.

Unimproved Land—Forty acres, five miles from Gillham; ten to fifteen acres can be cultivated; some bottom land; price \$200. J. J. Roberson, Gillham, Ark.

Farm for \$2,000—Good roads and schools. 81 acres, 50 acres in cultivation, four acres cedar, rest in good timber. Price \$2,000. J. M. Bell, Yardell, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Cattle for Sale

Two fine registered Hereford male yearlings, well marked, weigh about 900 and 1,000 pounds. Lum Anderson, R3, Green Forest, Ark.

Purebred Holstein bull, three years old. Jersey bull calf six weeks old; good stock and fine calf. C. W. Berry, Eureka Springs, Ark.

Horses and Mules for Sale

Two saddle mares and colts with Wilkes and Dan Patch breeding; price right for cash, or would trade for dairy cows. V. A. Sims, R7, Box 81, Little Rock, Ark.

One pair of good work mules, color black, weight 850 pounds. Will sell cheap for cash or good note. Clarence Young, R1, Waldron, Ark.

Hogs for Sale

A herd of registered Duroc Jersey hogs, consisting of one herd boar, six brood sows, 45 gilts and pigs; all are descendants from Orion Cherry King, Path Finder and Arkansas Model. They are all healthy and fine and priced reasonably. J. L. Hocott, R6, Little Rock, Ark.

One registered Duroc Jersey boar, 2 years old, weighs 600 pounds; is good breeding animal and has very big bone. Price \$40. Registered Duroc Jersey sows; also February and March pigs of either sex. Kinley Johnson, Whitener, Ark.

Hampshire hogs, gilts, boars and pigs. Pigs two months old, \$8 to \$10; all registered. One two-year-old boar, \$50. F. P. Owens, R2, Bingen, Ark.

Spotted Poland China pigs, two months old. G. W. McKinney, R3, Box 41, Ozark, Ark.

Purebred Poland China pigs, three months old; price \$8 each. Chester High, R2, Lonoke, Ark.

Goats for Sale

Registered Angora goats, bucks \$15 to \$30, nannies \$15, or would trade bucks for other registered Angora goats. W. H. Relethford, Garfield, Ark.

Angora buck one year old, and thirty-three breeding nannies, some native and some grade Angoras. These are good goats and not old. Will sell cheap. C. W. Berry, Eureka Springs, Ark.

Good young buck. Lafe Johnson, Mayfield, Ark.

One registered Angora buck. Warren Johnson, Mayfield, Ark.

We have a few extra fine weaned buck kids from five and six quart registered grade does of 31-32 pure Toggenburg blood. All are perfect Toggenburg color and marking and are naturally hornless; \$25 each. E. M. Swindler, Batesville, Ark.

Poultry and Eggs for Sale

Two hundred fifty-egg strain single comb R. I. R. eggs from yard No. 1, \$1.50 per setting of 15; yard No. 2, \$1 per 15. P. R. McBride, Lebanon, Mo.

Two hundred-egg strain snow white Indian Runner duck eggs, \$1.50 per 12; \$3 per 30. P. R. McBride, Lebanon, Mo.

Leading Anconas in National Egg-laying Contest; eggs, \$7.50 per 100, \$4 per 50, \$1.75 per 17; fertility guaranteed; chicks, 20c each, postpaid. Mrs. Avery Allen, Macon, Mo.

Eggs from single comb dark Brown Leghorns, standard bred, \$1.25 per setting, postpaid. Paul McAlister, R3, Alma, Ark.

Keeler's Rexal strain White Wyandotte eggs, \$1.25 per 15, chicks 15c each, postpaid. Mrs. Avery Allen, Macon, Mo.

Fine chickens, Imperial Ringlet Barred Plymouth Rock; Royal R. I. Reds;

prize winning birds. Thirteen years experience. R. J. Hubbard, Ola, Ark.

R. C. Rhode Island Whites; hatching eggs, \$2 per 15, \$5 per 50. Robt. F. Crow, Lebanon, Mo.

Big thrifty 8-week-old Buff Orpington pullets and cockerels; choice ones at \$1.25 each. F. F. Wood, Pea Ridge, Ark.

Thirty-five S. C. W. Leghorns, including a fine two-year-old male bird; S. C. B. Minorcas, eggs from standard bred hens and old male bird, price \$2 per 15. Price reasonable. Mrs. T. E. Batchelor, R1, Box 52, Dumas, Ark.

Bronze and White Holland Turkey eggs, \$5 per 12. J. W. S. Norton, Drasco, Ark.

Eggs for hatching from thoroughbred Hogan tested S. C. White Leghorns and Barred Rocks. Only high producers used in breeding pens. Guarantee 10 chicks from each setting or duplicate order at one-half price. Eggs \$1.50 per 15, postpaid. C. L. Jordan, Jordan, Ark.

Single Comb Dark Brown Leghorns; Russell strain; fertility guaranteed; prize winners, \$1 per 15, \$5 per 100. Clarence Young, R1, Box 46, Waldron, Ark.

Single Comb Brown Leghorn eggs, \$1.25 per 15, postpaid. W. E. Hodges, R5, Box 96, Vilonia, Ark.

Japanese Black S. C. Bantam eggs, \$1 per 15. Worley Forbes, Hackett, Ark.

Turkeys, toms and hens, also eggs; purebreds and cross between Reds and Arkansas wild. B. L. Randolph, Newburg, Ark.

Birds—The green breast Linnet songsters at \$7.50 each. Full blood Toulouse geese, \$10 per pair; Toulouse eggs, \$2.50 per setting of five eggs. One pair Mammoth Bronze turkeys, \$18. Mrs. Addie Key, Rogers, Ark.

Regal Burns Strain White Rock eggs, \$1 per 15, \$1.75 per 30. Regal Sturgis Strain S. C. Barred Rock eggs, \$1 per 15, \$1.75 per 30. Pekin White Duck eggs, \$1 per 12. A. D. Ballard, R2, Box 41, New Edinburg, Ark.

Eggs from laying strain White Rocks, \$1 per 15. Rebrab Hatchery, Havana, Ark.

Three Single Comb White Leghorn cockerels, eight weeks old, from Farris 265 to 300-egg strain, \$2 each. H. R. Rasmussen, Elm Springs, Ark.

Mammoth Imperial Pekin baby ducks, 25c each. Emily Singleton, Huddleston, Ark.

Miscellaneous for Sale

Trained Pointer Bird Dogs, either sex, 15 months old, price \$40; or would exchange for gun or large incubator. Y. M. Mason, Box 316, Waldron, Ark.

One practically new DeLaval No. 12 cream separator, price reasonable. Kinley Johnson, Whitener, Ark.

One female raccoon, \$5. Mrs. J. W. Eppes, Arkinda, Ark.

Complete ginny, 5 or 6 bale capacity, in perfect order; will include set of French corn burrs. J. H. Cunningham, Laytonville, Ark.

One Geiser oat, wheat and pea threshing machine, in first class condition. Would exchange for late model Ford car. John W. Gibbs, 331 Sullenberger street, Malvern, Ark.

People's Encyclopedia, six volumes bound in half morocco, in good condition. Suitable for home or school library, price \$12. C. K. McClelland, Fayetteville, Ark.

Ford chassis, 1919 model, in good mechanical condition, new honey-combed radiator. John W. Gibbs, 331 W. Sullenberger street, Malvern, Ark.

One red hound pup, and red and black coon and opossum dog, to trade for chickens, Anconas or Leghorns preferred. O. D. Harwood, Menifee, Ark.

Fine English female pointer dog, under full control and extra muzzle, black and white spotted, not a blem-

ish, two years old, price \$25. Worley Forbes, Hackett, Ark.

Will exchange fancy work or directions and patterns for making and crystallizing crepe paper roses for anything of equal value. Mrs. I. R. Spears, R1, Box 50, Heber Springs, Ark.

Sweet potato slips; Porto Rico, 1,000 slips \$2.50; Nancy Hall, 1,000 slips \$2.50. Clarence Young, R1, Box 46, Waldron, Ark.

One 20-inch cylinder A. B. Farquhar grain thresher, complete with six-horse power, price \$150; or will trade for something of equal value. F. J. Lein, Vandervoort, Ark.

Two heavy power bandsaws for sale, or would exchange for other wood working machinery. W. H. Relethford, Garfield, Ark.

Collie pups, \$3 to \$5. Samuel J. Barber, Havana, Ark.

Fifteen pounds mutton tallow, 10c per pound; eight sheep hides and goat hides, 50c each; five kid goat hides, 25c each. W. P. Waters, Pyatt, Ark.

Seeds and Plants for Sale

Whippoorwill peas, sound and clean, \$3 per bushel. Lawrence Owens, Box 92, Bingen, Ark.

Sweet potato slips of the Nancy Hall, Porto Rico and Early Triumph varieties, \$2 per 1,000, postpaid; shipment begins April 25th; can fill all orders, large or small, promptly. Comal Plant Farms, Turkey Ark., E. E. Reed, Prop.

King Humbert Cannas, 10c; ever-bearing mulberry trees, 25c; plum trees, 10c; black walnut trees, 25c; violets, 25c per dozen; golden glows, 5c Shasta daisies, 5c; honeysuckles, 5c; verbenas pinks, 5c; Mung beans, 25c a pound or \$10 per bushel; mulberry, Russian everbearing, 25c; postpaid. Hollyhurst Plantation, Jones, La.

Bunch or bush velvet beans in 2½ bushel bags, for seed, \$5 per bag; 90-day or Early Speckled Running in 2½ bushel bags, \$4.25 per bag; Chufas Seed, \$7 per bushel. Send cash and rush orders. N. T. Beasley, Kite, Ga.

Whippoorwill Peas, \$2.75 per bushel, less amounts 6c a pound; White Rice Peas 10c per pound; Silverdrip Cane seed \$2 per bushel, less amounts 5c a pound. W. P. Waters, Pyatt, Ark.

Sweet potato plants, large strong rooted plants of the Nancy Hall and Porto Rico varieties, \$2 per 1,000, delivered. East Slope Farm, Turkey, Ark.

Brown Jack Bean seed 6c per package, Marigold seed 5c per package. Miss Ellie Hively, Wideman, Ark.

Evergreen moss 5c per half dozen slips, and ground ivy at same price. Miss Lee Taylor, Wideman, Ark.

Pure Cuban Honey drip cane seed 6c a pound. E. O. Rosebrough, Oxford, Ark.

Seven top turnip seed 50c per pint. Mrs. Henry Dillard, R2, Box 41, Amity, Ark.

Leading varieties of tomato plants for home and canning purposes 15c per hundred, \$1.50 per thousand. Write for rates for large amounts. E. W. Myatt, Urbanette, Ark.

Pumpkin seed 10c per package. Lafe Johnson, Mansfield, Ark.

Peas, Whippoorwills, 1922 crop, dry and clean, \$2.50 per bushel. Shipping point, Nashville, Ark. F. P. Owens, R2, Bingen, Ark.

Nancy Hall sweet potato plants \$1.50 per 1,000, postpaid; also Porto Rico plants at \$2 per 1,000. G. J. Coffey, Belleville, Ark.

Various kinds of flower seeds, 10 packages 10c, or 23 packages 20c. B. E. Shreve, R2, Des Arc, Ark.

Lightning Express cotton seed and Delta Type bought from Pedigreed Seed Co., Hortsville, S. C., last year; kept pure; \$7 per bushel. A. F. Mobery, Cotton Plant, Ark.

Velvet beans of all varieties, Early Speckled \$1.60 per bushel, Osceolas \$2.25 bushel, Bunches \$2.25 and White Chinese at \$2.25 per bushel, f. o. b. Tennille, Ga. All good, new crop, stock put up in new, even weight, two-bushel sacks. H. M. Franklin, Tennille, Ga.

Good, sound, recleaned peas put up in new, even weight two-bushel sacks. Brabhams, Whippoorwills, Irons, \$2.60

a bushel. New Eras, Clays, \$2.50 a bushel; mixed peas, white peas at \$2.25 a bushel, f. o. b. Tennille, Ga. O-Too-Tan beans at \$7 a bushel. H. M. Franklin, Tennille, Ga.

Double white tube roses 50c per dozen; pink fairy lilies, \$1 per dozen; eight varieties iris, \$1; seven varieties hardy chrysanthemums, \$1. Mrs. C. H. Noyes, Calhoun, Mo.

Wanted

To Buy Farm—I want to buy a farm of 40, 60, 80 or more acres, part timber land that will drain well and that has some improvements, and near town. Give full particulars in first letter and state what you will accept as first payment. John Hunt, 226 South Grace St., Indianapolis, Ind.

To Exchange—Spotted Poland China boar pig with some one. Mine is from extra good stock and subject to registration. W. A. Daniels, Dermott, Ark.

Wanted—One set of French burrs, 30 or 36 inches diameter. Must be in good condition and at a bargain. J. H. Cunningham, Laytonville, Ark.

Mattie Beverage, Dabney, Ark., a cripple, wants to buy for a pet a white rabbit, angora or maltese kitten, or a small poodle dog, or would take sky terrier.

Rabbits Wanted—New Zealand Reds, Belgian Giants, or other variety; must be full blood stock. A. W. Linbeck, Subiaco, Ark.

Wanted—By Sunny Slope Farm, Stillwater, Okla., Dark Cornish, Partridge Rock, Buff Orpington ducks.

"I want to buy a good sawmill with steam boiler, about 18 horse power, or would trade something of equal value." John H. Kilgore, Low Gap, Ark.

Partner Wanted—"I am looking for a partner with good, small bandmill to cut wagon and furniture stock, five-year run, fine tract of virgin oak and hickory, located in northern Arkansas." John Y. Price, Box 237, Albuquerque, N. M.

White strawberry pickers, women and children preferred. Rooms furnished in my home. Ellis Sands, R2, Beebe, Ark.

Three or four large families to pick strawberries. Can furnish work until picking time. Thomas Noble, R2, Beebe, Ark.

A good doctor to locate at Bonnerdale. No doctor here and we need one. Write D. O. Friend, R2, Bonnerdale, Ark.

STATE SWEET POTATO SLIP CERTIFICATION PLAN

According to an announcement from the State Plant Board, the sweet potato slip certification service of the Board will be carried on this year the same as in years past. The Plant Board inaugurated the first slip certification service in the country in 1919, and the system has been so successful that it has gained for Arkansas certified slips the reputation of being the best in the South. Last year slip certificate holders sold certified slips from Arizona to the Atlantic coast. Arkansas farmers can therefore buy the best slips which can be bought right here in Arkansas. Farmers have been warned by the Plant Board against buying slips from large eastern plant growers because of the danger of getting diseased slips and of introducing in this manner foot rot and other dangerous diseases which do not occur in the state. At the present time the following have qualified for slip certificates:

A. F. Woods, Rogers.
F. A. Woods, Bentonville.
Otto Flemming, Benton.
Jack Alvy, Van Buren.
T. T. Bailey, Blevins.
Tri-State Potato Co., Rogers.
Gill Bros., Judsonia.
Henry Kenward, Jonesboro.
J. Z. Holland, Fort Smith.

At least a dozen more growers will qualify before the season is over. All of the above mentioned growers will have Nancy Hall slips. Gill Brothers will have both Nancy Halls and Porto Ricans, and T. T. Bailey will have Porto Ricans only.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

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LITTLE ROCK, ARKANSAS

Review of Agricultural Conditions in Arkansas Following the World War--The Most Strenuous Decade in History

ARKANSAS farmers have weathered the storms and tempests of the last ten years probably as well as have those of any other state, and with the varying changes of weather—sometime rain, sometime sunshine—they are at least as well off as they were at the beginning of the most strenuous decade in the world's history.

Farming as a business was not on a profitable basis at the beginning of the great war. The price received for cotton in 1913 was far from what the farmer required to meet the expense of producing his crop. Then came the war in 1914 and a slump in prices that further involved the farmer in debt until it seemed that the future was hopeless. But he kept on producing—bread and meat as well as cotton—and with the rising prices of 1917 and 1918 began to recover, until in 1919, with cotton at 35 and 40 cents, the farmer was at the height of his prosperity.

Then came the slump of 1920 and 1921—the period of deflation, as some prefer to call it—and the farmer took another loss and settled down to sensible business with probably no more wealth than he had at the beginning, but with a great deal of valuable experience. A fairly good cotton crop last year and good prices have saved him from further loss and put him on his feet for a time. It is true that the greatest advance in prices occurred after the 1922 crop had passed out of the hands of the farmer, and that the biggest profits were taken by the buyers, jobbers and speculators, yet the country has prospered as a result of the increase and the farmer in this way has been benefited.

One who travels much over the state and gets into the rural districts will see better times reflected in the improvement of farm estates—new fences, new barns, new homes, better live stock and better farm equipment. True there is a great deal of land temporarily abandoned or lying out, but this is due more to a shortage of labor than to a distrust of the future of farming. The growing prosperity of the cities has created a demand for labor, and the field hands, seeking higher wages and lighter work, have responded to this call, deserting not only their employers, but in many cases their own land and kindred to go to the mills and factories. When the cities have caught up with their tasks and the industries begin to reduce their working forces these men will go back to their rural homes and the vacant land will come again into productivity.

The exodus from the farm this year is most noticeable in the cotton growing section of our state, where large numbers of negro tenants and laborers have left the farm. Their places are being taken by white farm hands, and when the readjustment is completed it is likely that the country will be better off than it was before.

While Arkansas feeders are still sending out of the state for grain, hay, chops and mixed feeds more than \$20,000,000 a year—money that could be kept at home—the farmers are raising more feed than ever before and the diversification of crops is more seriously considered than in previous years. Continued improvement is certain to better the condition of the farmer and put him on a more pros-



State War Memorial Building—Old State House

perous basis. For the success of Arkansas agriculture there is nothing of so much importance as crop diversification. It is the best kind of crop insurance and protection against market manipulations. If the farmer first makes a living at home he will be almost sure to make a profit from what he has to sell. If he relies wholly upon his cash profits to pay for his feed and meat he is almost sure to fail. In ten years our farmers have made commendable progress along this line.

Our farmers are beginning to give more attention to soil improvement. No state can prosper if its farms decline in production, due to a wearing out of the soils, for in a very short time the whole cultivated area would be farmed out. Our lands must grow richer as they grow older. This can be made possible by the practice of suitable systems of crop rotation, by the application of stable manure, by the use of lime and commercial fertilizer and by tile-drainage and terracing to prevent erosion. It is gratify-

ing to note that a substantial increase is shown in the sale of commercial fertilizer, that considerable shipments of ground limestone are being made and that the farmers are looking more carefully to the drainage of their lands. We have reached that point in our agricultural development where we cannot longer afford to be extravagant in the use of our soils.

In ten years the State Agricultural College and the four district agricultural schools have turned out a large number of scientifically trained farmers, and these boys have gone out into every part of the state to put their knowledge into practice. That their influence is helpful to the industry generally is proven by the progressive spirit of the communities where these trained minds are at work. The type of farmer has improved with the betterment of farming plans and the improvement of farm equipment. The farmer is no longer regarded as an ordinary laborer, but is a skilled workman and thoughtful man of business.

These changes have come, not easily

This Department and The Bulletin Will Keep Going

Since so much has been said in the papers about the attempts to prevent the Department of Mines, Manufactures and Agriculture from receiving the appropriations made by the Forty-fourth General Assembly for its maintenance during the next two years, the Commissioner has received many inquiries from farmers over the state asking if the situation will make it necessary to stop the publication of The Arkansas Farm and Marketing Bulletin, and if the work of the department is to be interrupted. To these friends I want to say that this little paper will continue to be published if it is necessary for me to pay for it out of my own pocket, and the department will continue to operate, no matter what happens.

The courts have held that our appropriation bill was passed, was approved by the Governor and had become a law before the attempt to "expunge" the record of its passage in the Senate. The Attorney-General holds that the Act is valid and that the State Auditor would be legally justified in issuing warrants. The State Treasurer says he will honor such warrants if they are presented.

But in the face of all this it may

take a lawsuit to settle the matter—a litigation that will be of no expense to the state, but one that will fall heavily upon me. However, this is one of the inconveniences of having incurred the enmity of certain politicians who are trying to destroy the farmers' division of the State Government, and I am going to meet it resolutely and with a determination to protect the agricultural interests of Arkansas.

The people of my native state approved of my two former administrations by giving me 69 of the 75 counties in the last Democratic primary and honored me as no other state official in the history of the state by giving me every county in the general election. I deeply appreciate the confidence and esteem of my fellow men and I assure friends and foes that I am going to keep the doors of the State Department of Mines, Manufactures and Agriculture wide open regardless of the outcome of the validity of the appropriation Act for this department. I propose to serve the people faithfully to the end of my term, salary or no salary.

JIM "G." FERGUSON,
Commissioner.

and without effort, but after the expenditure of infinite patience and great industry. The farmer has learned much in the hard school of experience and a great deal more from study and observation. He has worked hard to go to school or to send his children to school, and we believe that the Arkansas farmer, be he the cotton planter in the delta regions, the apple orchardist of the high plateaus, or the average hill-land husbandman, will stand up shoulder to shoulder with the farmers of any state in this Union, in intelligence and record of achievement.

When we look over the figures showing that agriculture is prospering and that the toilers of the farm have made progress in the face of many discouragements, contributing their part to the support of the nation and the feeding and clothing of its population, we wonder if there is not some way that the farmer's condition can be improved and that his earning power may be increased to compare more favorably with the earnings of those engaged in other lines of industry.

Efforts in this direction will be most likely to get results if they are exerted in getting the farmer a better market for his products. It is a loss indeed when the farmer raises a crop for which he cannot find a sale. The solution of the marketing problem is most likely to be found in the co-operative organization of growers. There have been several experiments along this line in the last year or so, and the farmer has been benefited. Anything that will enable the farmer to systematically market his products so as to get the real worth of the commodity and not be compelled to sacrifice it to manipulators and speculators will be helpful.

Marketing is an important phase of farming. The farmer must raise what the consumer wants and for which he is willing to pay a satisfactory price. Prices are not going to be regulated by legislation. The farmer must study the markets, the methods of packing and shipping and the question of transportation.

He must have information in advance of planting, as well as at harvest time. The Government is doing a great deal to keep the farmer advised upon these matters, but it does not appear that the farmer takes full advantage of all these facilities. There are laws under which he can form co-operative associations and build warehouses for the storage of his products, but very few associations have been formed or warehouses built.

Railroad rates are far too high on most of the farm products produced in Arkansas. Many crops cannot be shipped to the distant markets because of prohibitive freight rates. This is especially true of some of the truck crops for the growing of which our country is so well adapted.

If the farmers will continue to build up their soils, grow feed crops, co-operate in the marketing of their crops and bring pressure to bear upon the Government to reduce the interstate freight rates on farm commodities, agriculture in this state is going to continue to improve, farming will be more profitable and the country generally will prosper, as it always does when the farmer is making money.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

Preservation of the Soil Is Our State's Most Serious Need

In a circular recently issued by this department the farmers of Arkansas are urged to "feed their soils." It is set forth that rich soils increase production and hasten maturity and that farm profits do not begin until the cost of production mark has been passed. Our contention is that the farmer must make more than half a bale of cotton and thirty bushels of corn per acre for farming to pay in Arkansas. One of these circulars fell into the hands of Frank Gee and Jim Bowman, merchants, at Ravenden, Ark., and from them has been received the following very interesting letter:

"This circular has caused us to think, and we have communicated our thoughts to others, and from what we can learn from elderly men who were born and have lived all their lives in the western district of Lawrence county, the most serious need of the hour is the preservation of our soil. It is estimated by the farmers to whom we have talked, that the soils in this district have deteriorated 50 per cent in the last forty years. Many fields that would once grow forty to fifty bushels of corn to the acre, or a thousand to twelve hundred pounds of seed cotton to the acre, are now either thrown out or are being cultivated at a loss. The soil is washed off these fields and they are streaked with many gullies.

"When we take into consideration the fact that the population of our state is increasing rapidly every year and, also, the fact that each family's requirements are increasing rapidly, the question that confronts us is how long can the people of Arkansas subsist if they continue to allow their soil to deteriorate as they have for the past half century.

"In our opinion, this is a question of vital importance to our state. We would be glad to see some sort of a campaign inaugurated that would arouse our farmers to a sense of this need."

Off Year for Strawberry Growers in White County

Except for the early shippers there was disappointment for the strawberry growers in Arkansas this year in the wet weather reduction of output and in the slump of prices at the latter part of the season. Horatio was more fortunate than any other point in being able to get its berries to market while the price was around \$3.70 a crate. White county marketed its berries the first week or ten days at an average of \$3.75 a crate, but prices fell off rapidly and it is doubtful if the growers in this section will

average more than \$1.75 per crate on the season's shipments. This allows for no profit as the cost of picking, crating and shipping is estimated at \$1.10 a crate. The Aromas, or later berries, in this territory were practically a total loss.

The smaller shipping points in White county and elsewhere were less fortunate than the bigger towns, because they were not able to sell or ship so advantageously.

Springdale, Judsonia, McRae and Horatio were the four big shipping points, each with from 100 to 135 cars. The crop is about 60 per cent of what the growers predicted before the harvest.

The northwest Arkansas crop, which is marketed much later than the crop from other sections, averaged about \$1.75 a crate. The growers were saved from a heavier loss by being able to sell to the Welch Grape Juice Company and Ford & Company, at Springdale, large quantities of ripe berries, which were converted into preserves or dry packed.

Conservation of Soil, Timber and Mineral Resources, State's Greatest Need

There are three primary sources of wealth-production in Arkansas and only three—the farms, the forests and the mines. The aggregate value of our agriculture, timber and mineral products has in a single year exceeded \$700,000,000, a sum nearly equal to the assessed value of all property in the State. The future of our commerce and the prosperity of our State depends not so much upon the increase in population as upon the permanent maintenance of the productivity of our soils, the conservation and perpetuity of our forests and the safeguarding and regulation of our underground resources.

Arkansas is rich in minerals. In oil, gas, coal and bauxite the annual productions run into the many millions. But we are as wasteful of our minerals as we are of the fertility of our soil and the timber in our forests. In the first place we permitted our coal lands in the western part of the State, our bauxite lands near Little Rock and our oil lands in the southern part of the State to get into the hands of exploiting corporations who have no other object than to get a profit from their investments as quickly as possible, regardless of whether the methods of production are wasteful or not. In the coal fields the ground has been burrowed around indiscriminately where a railroad company wanted fuel or where a corporation found it convenient to operate without any reference to the economic development of the field or the needs of the public. In the very restricted area of bauxite production a northern syndicate is tumbling over

the country-side with steam shovels, producing up to its limit, ore it claims is worth only \$1.50 a ton which might be worth \$10 a ton if produced at a more moderate rate, or \$100 a ton ten years from now if uses of aluminum continue to increase and there is no further enlargement of the bauxite fields.

Down in Union, Ouachita and Nevada Counties the wildcatters are excitedly rushing about putting down hundreds of wells where there are only remote prospects of finding oil, putting down many others in locations where much of the oil if found will go to waste before pipe lines or transportation facilities can reach them and the wells that are producing are filling the pockets of men and the treasuries of corporations that have their residences in other states and are not interested in Arkansas or its future. In time the production of all these minerals, coal, oil, gas and bauxite, which is so important to the State now, will reach its maximum and in the industry of mining we will start upon the decline if there is not some thought of conservation for the future.

In the safeguarding of our timber supply the larger responsibility rests with the big lumber companies and the owners of large tracts of timber but most farmers have a good deal of woodland under their control and land that can be made to produce timber more profitably than any other crop, and they can be a tremendous help in restoring the wasted forests. Every tree of the commercial species standing today, no matter how small it may be, has a value and the land owner who permits this young growth to be cut away, burned and wasted is not only robbing himself but he is depriving the world of something that it needs and for which it is willing to pay a good price. Every farm should have a wood-lot. Every tree should have the farmer's protection. There should be no more waste of timber by careless cutting such as the destruction of a splendid monarch of the forests for the making of one or two fifty cent railroad ties. The farmer should fight a forest fire as he would a fire that menaces the home of a neighbor or his own home. He should know that the growing timber has value as well as barns and fences, and he should be willing to help his community to protect such property. When there is this feeling and co-operation a good deal of the waste will be prevented and Arkansas will have taken a long step toward making timber production a permanently profitable industry within its borders.

Our mineral resources must be protected largely by legislation, for the operation of mines, the drilling of wells and the quarrying of rock are matters with which the public and the farmer in particular has little to do, but public opinion should be so formed that those corporations which are growing rich from the production of the materials will be made to discontinue their wasteful practice, and share their part of government expenses. If there are a billion tons of bauxite in the ground it is more important to the public that all of it be mined at some time or another than that a fourth or a half of it be immediately obtained and the remainder wasted. There should be a law against waste, for the loss of these natural resources, whether it be oil, gas, coal, or bauxite, is a public calamity.

Let's start the conservation habit in Arkansas by stopping the waste of our soils. That is a matter which is squarely up to the farmer.

Inquiries from People Who Want Homes

A. B. Sparks asks for literature concerning homestead land in Arkansas.

G. C. Melrose is interested in the Ozarks of Arkansas where grapes can be grown profitably. He requests information concerning same.

John E. Johnson, R1, Millcreek, Ind., inquires about homestead land in Arkansas.

"I am interested in Arkansas and would like to trade my property for acreage near a health resort beneficial to rheumatism; Benton, Garland and Cleburne counties preferred."—F. W. Ellis, Alta, Ia.

"I want to buy a farm in the hilly section of Arkansas; must be reasonably priced, well watered, and suitable for a fruit and poultry farm."—Enos C. Pittman, R1, Box 10, Earle, Ark.

George G. Turner, Route A, Box 129, Brawley, Colo., requests information concerning the poultry business in Marion county, Arkansas. He has had years of experience and would like to go into the business there.

Raymond Downing, 818 W. Lorde-man Street, Kokomo, Ind., asks for information concerning homestead lands in Arkansas; also whether or not stock and implements can be obtained and paid for on the installment plan.

James A. Harris, Stevenson, Wash., wishes to locate near Lowell, Ark., and would like to buy a ten or fifteen-acre tract of land. He requests information concerning the kind of timber and crops grown.

Literature has been sent by request to Mrs. A. E. Cuba, Tennessee, Ill.

Henry Schwindel, Hettinger, N. D., requests literature concerning price of land, and principal crops grown in Arkansas. He is thinking of locating here.

James D. Rogers, Onward, Ind., is interested in Arkansas and requests literature concerning north Arkansas, especially Baxter, Marion, Boone and Izard counties, their principal crops and market outlets.

Walter Monte, Wolfe Creek, Wis., requests Arkansas information.

John Kirby, St. Paul, Kan., requests literature concerning homestead land in Arkansas.

R. H. Morey, Box 47, Pittsburg, Kan., is interested in Logan and Montgomery counties, and asks for literature.

Literature concerning mining and agricultural conditions in Arkansas has been sent, by request, to E. R. Bobo, Hotel Belford, La Bell Ave., Detroit, Mich.

W. L. Hoffner, New Albany, Kan., wishes to locate in Arkansas and would like to trade his property in Wilson county, Kansas, for a farm in Arkansas.

M. W. Scaggs, R1, Seneca, Mo., requests literature concerning Arkansas.

"I wish to buy or homestead land in Arkansas and would like all information possible."—Ernest R. Layne, Mt. Jewett, Pa.

O. W. Barlow, R4, Orleans, Neb., requests Arkansas literature.

L. E. Ommen, Guthrie, Ia., is interested in Arkansas and requests information concerning crops produced.

H. C. Lindsey, Lansing, Kan., requests information concerning the part of Arkansas best adapted to the raising of hogs and the dairy business.

F. M. Holland, Box 415, Horton, Kan., wishes to buy a farm in Arkansas and requests information concerning same.

Mrs. William Grant, General Delivery, Fort Sam Houston Station, San Antonio, Tex., wishes to obtain homestead or school land in Arkansas near a town where her daughter, a stenographer, and son, a battery expert and auto mechanic, may obtain employment.

Earl C. Dart, Box 549, Siloam Springs, is a new resident of Arkansas and wishes to obtain a good hotel or mercantile business in the state.

G. C. Brashear, Mirando City, Tex., wishes to locate in Arkansas and asks for literature in regard to homestead land or farms for sale.

Frank Jirous, Creighton, Neb., is planning to locate in Arkansas and wishes to farm on a small scale; he requests information in regard to farming conditions.

Melvin Matson, Box 93, Almont, N. D., wishes to locate in Arkansas and would like to trade his farm there for Arkansas land.

E. T. Brown is interested in state and government land in Arkansas; also the farms for sale.

FARMS FOR SALE

Forty-Acre Farm.—Located in Sharp county, 25 miles from railroad, one mile from town, near good schools and churches. Thirty acres in cultivation, sandy soil, suitable for general farming; some bermuda pasture, three-room house and cistern, good outbuildings. Price \$650. C. A. Kinney, Love, Ark.

Newton County Farm.—273 acres; 40 in cultivation, 10 in meadow 6 in pasture; fifty apple trees and peach trees; two log houses and outbuildings; fine timber on place. Josiah Norton, Limestone, Ark.

Two Farm Bargains.—Good small farm located on public road, twenty-minutes drive to Batesville; 80 acres, 60 in cultivation, 70 fenced, two good houses, price \$4,000, one-half cash. Also 1,100 acres cut-over river bottom land, well located and productive; if taken at once will sell at \$15 per acre with one-third cash, balance 5 to 7 years. W. D. Murphy, Batesville, Ark.

Garland County Farm.—Located on good road, eight miles to Hot Springs, daily mail, near church and school; 10 acres in cultivation, 12 peach trees, 7 apple trees, two-room house and barn. Will include cow, calf and mare. Price \$900. T. J. Rippetoe, R. F. D. Box 46, Mountain Valley, Ark.

160 Acres Timber Land.—7 acres cleared and fenced; on pike road, adjoining Cozahoma; good house and barn, two springs. Will take \$600, cash \$200. Chas. Drake, Cozahoma, Ark.

Boone County Farm.—120 acres, 40 in meadow, some timber, balance in cultivation, some fruit, good house and barn, free range. G. W. Collins, R3, Box 42, Alpena Pass, Ark.

Stock, Poultry, Fruit Farm.—110 acres good upland, 25 acres cleared, balance in timber; located three and one-half miles northwest of Dover, one two-room house and barn, two artesian wells and one everlasting well, an ideal farm, price \$3,000. A. R. Davis, R1, Dover, Ark.

Two Newton County Farms.—(1). 65 acres, 35 in cultivation, 100 young fruit trees; good four-room house and two barns; soil adapted to general farming; beautiful location, near schools and churches. Will include stock, poultry, farm implements and Ford touring car, or will sell separately. (2). 26 acres of unimproved land. C. E. Wade, Cave Creek, Ark.

Johnson County Farm.—66 acres, 9 acres in cultivation; located on first bench of mountain, near school and church; three-room house and barn, small pasture and family orchard, price \$500. J. M. Graves, Mt. Levi, Ark. Will take young stock and give terms on balance.

Fruit and Berry Farm in Benton County.—Located in good neighborhood one-half mile east of Rogers, near school and church 30 acres in cultivation, 30 in pasture, 300 Elberta peach trees now bearing, 50 apple trees, four-room dwelling and fine spring. Address correspondence to Mrs. H., 645 West 13th St., Bentonville, Ark.

Two-Acre Tract.—Located on this land is a water-power flour and corn mill, store, and blacksmith shop. Will sell half interest in all. Price \$5,000; terms on half. Would consider part exchange for good property. Joe Gray, Centerton, Ark.

For Exchange.—52 acre improved farm, five miles to county seat; will exchange stock, tools and household furnishings for property of equal value in northern Arkansas or southern Missouri. W. W. Badders, R1 Box 29, Heber Springs, Ark.

Farm and Merchandise.—5 acre farm well equipped and small stock of merchandise for \$1,000. All land is in cultivation, located near Ozark, the county seat. Emory V. Plymale, P. M. Barnes, Ark.

Bargain in Creek Bottom Farm.—123 acres, 60 in creek bottom land, 60 in pasture, balance in timber, and meadow. Will include stock, poultry,

feed and farm implements. A. W. Maxwell, Green Forest, Ark.

Well Improved Farm.—45 acres in Johnson county; 25 acres in cultivation, balance in timber, small orchard and everlasting water; near school and church; two houses and barns. Price \$500 if sold at once. Mrs. Oliver McEven, Fallsville, Ark.

Black Bottom Land.—100 acres two and one-half miles from county seat of Desha county; 15 acres cleared, balance in timber and pasture; one house on place; near railroad and river. E. D. Lee, Koss, Ark.

Improved Farm.—120 acres for general farming, price \$2,500 if sold at once. A. Fisher, Sitka, Ark.

Desha County Farm.—163 acres of black bottom land, two miles from county seat, three-fourths mile to paved road; four-room house and barn on place; 25 acres in cultivation, some alfalfa; this is located on the east end of the tract. On the west end are 15 acres cleared and set for wire, some timber. Price \$25 per acre; can give terms on part. E. B. Henderson, Ross, Ark.

Farm Home.—2 acre lot with seven room house, good orchard and garden; on pike road fourteen miles from Conway. Located in Vilonia where there are good schools and churches. Mrs. Minnie Thompson, Vilonia, Ark.

Searcy County Farm.—100 acres two and one-half miles from Marshall, county seat; 35 acres in cultivation, 40 acres in timber, 10 in pasture, four good springs; two two-room houses with outbuildings; two orchards for family use; price \$1,100, cash \$850, balance on 40 year time if desired. E. A. Baker, Marshall, Ark.

Upland Farm.—80 acres located eight miles from Mulberry, four miles to high school; 35 acres in cultivation, balance in pasture and timber consisting of white oak, red oak, and pine; one mile from saw mill; 500 Elberta trees and other fruit on place. Price \$1,250, terms on half. E. A. Kirby, R5, Charleston, Ark.

Sevier County Farm.—164 acres suitable for fruit and general farming; 30 acres fenced for cultivation; plenty of wood and timber on place; three-room house and outbuildings. Will include gasoline engine, thresher, sorghum mill and farm implements. Would take a good car as part payment. Price, \$12.50 per acre. Wm. M. McShan, Gillham, Ark.

Boone County Farm.—160 acres, 60 in cultivation, balance in timber; two-story seven-room house; terms if desired. Paul Middleton, Omaha, Ark.

Baxter County Farm.—160 acres, 90 acres under wire fence, 75 in cultivation; good three-room house, good spring, and two barns; two miles from the Dixie Power Dam site. J. W. Cox, Amos, Ark.

Upland Farm.—120 acres in Baxter county, 25 acres under fence, 18 in cultivation, good land for alfalfa; good free range. Price \$500. Walter Walker, R1, Box 17, Elizabeth, Ark.

Ideal Farm Home.—115 acres improved land; located on good highway; eleven miles from Hot Springs, one-half mile from station; six-room house and barn; 50 acres in cultivation; some fruit. Price \$2,000, terms if desired. D. O. Friend, R2, Bonnerdale, Ark.

Twenty-Three Acre Farm.—Located one-half mile from Lincoln; on mail route and telephone line, three quarters mile to high school. Price \$5,000, terms on part. J. E. Berry, Lincoln, Ark.

Fifty-Acre Tract.—Ideal place for poultry farm; located two miles from Lincoln; 5 acres in peaches, 2 in strawberries, 5 acres in timber and some pasture. Price \$4,000, cash \$500, balance on terms. J. E. Berry, Lincoln, Ark.

Farm Near Hot Springs.—255 acres nine and one-half miles from Hot Springs for sale or trade; two sets of improvements; all fenced and cross-fenced. John McCugh, R1, Pearcy, Ark.

Improved Farm in the Ozarks.—40 acre farm located on highway near Rogers; all fenced and cross-fenced; is healthful location. Will include household furnishings, farm implements, stock and poultry. Price \$2,400. Mrs. Mary A. Smith, R3, Box 180, Rogers, Ark.

Fruit and Poultry Farm.—60 acres, 40 in cultivation, some timber, part creek-bottom land; located three and one-half miles from town, one mile from school; six-room house and outbuildings. Mrs. L. B. Cole, Box 204 Imboden, Ark.

Farm and Ranch.—1,600 acres bottom land, 300 acres in cultivation, entire tract fenced hog proof; well stocked with hogs, cattle, mules and implements; located on railroad and pike. Address correspondence to Box 136, Jerome, Ark.

For Sale or Trade.—147 acres, 50 in cultivation; good buildings, orchard and timber on place; on mail route and near school. J. W. W. Foshee, Kirby, Ark.

One Hundred Acre Farm.—Located four miles from Bentonville on highway; 35 acres in cultivation, some fruit and lots of timber on place; three-room house and outbuildings; will include crop, stock, poultry and farm machinery. Chas. Tollett, R5, 101 Ranch, Bentonville, Ark.

Stock Farm for Sale or Trade.—200 acres, located six miles from county seat; 30 acres in cultivation, 150 acres in pasture, fenced; four-room bungalow. Will include cattle, hogs, poultry, Ford roadster, wagon and farm implements, price \$4,000, or will trade for stock of hardware, small improved farm, or hotel. Milton Mowry, R1, Box 37, Hardy, Ark.

Two Farms in White County.—(1). 20 acres two and one-half miles from Searcy on good road, pear orchard on place, price \$1,200. (2). 60 acres ten miles to Searcy; good for poultry and berries; free range. Price \$1-200. L. E. Nash, R3, Searcy, Ark.

Village Farm.—21 acres in Gassville, Ark., within a block of stores, school and postoffice; all is in cultivation but can be laid in lots; double seven-room house, fruit and berries on place. L. J. Specking, Gassville, Ark.

Beautiful Farm in the Ozarks.—A small farm with four-room house and outbuildings; Blue grass, spring watered pasture, good orchard. M. Jackson, Box 28, Bellefonte, Ark.

Eighty Acre Farm.—Located in Mississippi county three miles from Blytheville, all is in cultivation and is very fertile soil; three tenant houses. Price, \$130 per acre; will give ten years time. Mrs. G. G. Tucker, Blytheville, Ark.

Green County Farm.—35 acres all under a good hog wire fence; four-room house, orchard and outbuildings; near schools and churches. Price \$1,500. R. W. Martin, Gainesville, Ark.

Sandy Loam Soil.—160 acres, 50 acres in cultivation, 5 in pasture, 4 acres in apples and peach trees, all is fenced with woven wire; five-room house and outbuildings; three miles to Calico Rock. Price \$2,000. W. N. Brown, Box 231, Calico Rock, Ark.

Two Upland Farms.—(1). 120 acres, ideal for stock and fruit farm, located one mile from Brentwood, plenty of timber; not improved. (2). 180 acres good for stock, fruit and poultry; four-room house and outbuildings, apples, peaches and strawberries on place; free range. Gus M. Morgan, Brentwood, Ark.

Valley Land.—40 acres on highway and near R. F. D. 10 acres in cultivation; will sell reasonable and will take good Ford car as part payment. Delams V. Richardson, R3, Box 2, South Fork, Ark.

Farm Near Boxley.—160 acres; 20 acres in cultivation, balance in timber; some zinc and lead has been found on this land; 150 fruit trees, grapes and berries; two-room house, will include two good cows and farm implements. Price, \$800. Lark Swaffold, Boxley, Ark.

Forty Acre Fruit Farm.—50 acres in cultivation, 5 acres in Aroma strawberries, 145 bearing apple trees; located six miles from railroad town; improvements fair. Price \$2,000, cash \$1,600, terms on balance. Fred Hope, R3, Box 103, Gravette, Ark.

Two Hundred-Eighty Acre Farm.—Located in north Boone county, ten miles to Harrison; 95 acres in cultivation, 65 acres in rich bottom land, 25 acres in clover and orchard grass, balance in timber; two three-room houses. Price \$5,000. F. O. Phillips, R4, Harrison, Ark.

Fruit, Poultry, Dairy Farm.—80 acres, four-room house, barn and outbuildings. Geo. Sheeks, Beebe, Ark.

Ideal Farm Home.—Beautifully located one-fourth mile west of Fallsville; 60 acres, 30 in cultivation, some fruit and berries, also rose garden, five-room house and outbuildings, near church and school; will sell or trade. C. A. Holland, Fallsville, Ark.

Mountain Farm in Stone County.—10 acres one mile from Arlberg, 1 acre cleared, rest in timber; one two-room house, small orchard; will sell at a bargain. D. E. Gilbert, R2, Shirley, Ark.

Stone County Farm.—160 acres, 20 in cultivation, nice young orchard, fine timber, some splendid valley land, new four-room bungalow and one small house. Price \$1,000. Geo. C. Behee, Calico Rock, Ark.

Bargain Sale.—160 acres in Van Buren county suitable for general farming and fruit; will sell at a bargain if taken soon. Jess Pruitt, Rex, Ark.

Stock Farm.—200 acres of good bottom and bench land, plenty of timber and water, some improvements, fine for stock raising. Price \$8 per acre, cash \$1,000, balance on terms. Mrs. Susie Qualls, Hill Top, Ark.

Seventy-Nine Acre Farm.—65 acres in cultivation, balance in timber and pasture, 10 acres sown to wheat, 1 acre in strawberries, 40 acres of smooth, level land; modern four-room house and outbuildings, conveniently located. Price \$3,800. J. L. Lewallen, Olvey, Ark.

Farm in the Ozarks.—240 acres in Benton county will sell at real bargain as it belongs to heirs and must be sold; 90 acres in cultivation, balance in timber, more can be cleared and cultivated; fine for fruit, berries or stock; good springs. Clear title, taxes paid. Price only \$12.50 per acre for quick sale. Buildings are in bad condition. Geo. W. Vansandt, R2, Garfield, Ark.

Miscellaneous for Sale

Ladies side saddle, almost new. Will sell to person making best offer. W. P. Waters, Pyatt, Ark.

Good saw mill, complete; 80 acres of white oak timber; also four young mules, three log wagons and good harness. Tallant Bros., Clifty, Ark.

Indiana silo, made of clear Oregon fir, \$100; also one 10-inch Papec silage cutter, \$100; good as new. Charles Powell, Okolona, Ark.

Eighteen fox terrier puppies, smooth coated, registered, and all papers with them; males \$10, females \$7.50. Registered Airdale puppies, just weaned; males \$15, females \$12.50; Swiveller strain. Wayne Taylor, R2, Marionville, Mo.

Cushman 4 h. p. binder engine, with magneto and clutch pulley, in perfect condition; price, crated, f. o. b., \$75. Will exchange Fox Terrier or Airdale pup for good 12 gage pump gun. Wayne Taylor, Marionville, Ark.

Good violin with case. J. T. White, Lynn, Ark.

Thoroughbred Walker hound, \$10. I also have Springfield rifle in good condition to exchange for a .22 calibre Marlin or Colts, repeating or automatic. Elvin McCorkle, Stafford, Ark.

American Blue and Belgian hares, full stock for breeding purposes, both sexes, price reasonable. Ray McLester, Box 94, Pangburn, Ark.

One black and white male Fox Runner, full blood, 18 months old; will sell or trade for poultry or turkeys. Albert Linheck, Subiaco, Ark.

Walker puppies, \$15 per pair, or \$8 apiece. E. G. Plumlee, Batavia, Ark.

RABBITS

One 14-pound Rufus Red Belgian buck; registered; mate to prize winner. Will sell or exchange for another good Belgian buck of equality. Must be a good one. Ray L. McLester, Pangburn, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock for Sale

HORSES

We are closing out all of our horses, Shetland ponies, mules, Jacks, Jennets, hogs and Toggenburg milk goats, so will sell cheap; many first prize winners in the bunch. Barbee Stock Farm, Monticello, Ark.

CATTLE

Registered Shorthorn bull, a good breeder and excellent disposition, price \$100, or would take a young bull of good breed and not related. Truman Allred, Larue, Ark.

Purebred Holstein bull calf, very fine individual and with proper care should make a mature bull weighing over a ton; price with all papers, \$75. S. G. Harnden, Watervally, Ark.

A four-year-old registered Holstein bull of extra good breeding. Will sell right, as I do not need him any longer. W. L. McCord, R2, Rogers, Ark.

Registered Jersey bull calf; excellent breeding. Will sell right on account of having a surplus. J. T. Harwood Farm, Siloam Springs, Ark.

HOGS

Three big bone Poland China pigs, two gilts, one male, two months and two weeks old, have been vaccinated, well marked, subject to registration. William High, R, Lonoke, Ark.

One male Poland China hog, weight 100 lbs., will sell at reasonable price. Ed Loomis, Gravette, Ark.

Tamworth sow, pigs, and boar pigs, six-weeks old, registered and double-cholera immuned, \$15 each; f. o. b. Fayetteville. Write for circular. Hubert P. Finger, Fayetteville, Ark.

Hampshire hogs. Pigs three months old; gilts and boars. All registered and priced to sell. Forrest P. Owens, Bingen, Ark.

Registered big bone Poland China pigs, eight weeks old, either sex for June and July delivery. They have the length, bone and type, out of sire and dam that weigh from 800 to 1,000 pounds, Council Hill Buster, Buster's Giant, Big Mabel Jumbo, etc., breeding. Will register in your name at \$12 each. W. L. McCord, R2, Rogers, Ark.

Registered big bone Poland China hogs and pigs. The breed's best blood at bargain prices. G. A. Hulen, Conway, Ark.

Registered Berkshire boar, two years old; little boned, well marked, good condition; don't need him any longer; \$40, crated, F. O. B. here; papers furnished. J. C. Clary, Raveniden, Ark.

Six Poland China pigs, two sow pigs and four male pigs; subject to register. I will take \$5 each if taken at once. Carl Logan, Harrison Ark., R4.

Fifty weanling pigs \$10 each, pair \$16.50, trios \$25. These pigs weigh 40 pounds each; will record the pigs in purchaser's name and crate and deliver at express office. Three yearling sows, weight 400 pounds, \$40; eight bred gilts, 8 to 10 months old, weight 275 to 325 pounds each. Price \$27.50 to \$30 each. J. M. Zimple, Clarksville, Ark.

GOATS

One registered Angora buck goat; also full Shropshire buck sheep, not registered. One registered Shropshire buck sheep, full blood. Warren Johnson, Mayfield, Ark.

Poultry and Eggs for Sale

Purebred S. C. White Leghorn eggs, English strain; 75 cents per setting or \$4.50 per 100. Mrs. D. C. Davis, Pangburn, Ark.

Leading Anconas in National egg laying contest; eggs \$5 per 100, fertility guaranteed, postpaid; chicks

\$15 per 100, postpaid; hens \$1. Mrs. Avery Allen, Macon, Mo.

Pure Bred Imperial White Pekin ducklings, 25 cents each. Mrs. E. T. Milner, R1, Box 52, Blevins, Ark.

"Taylor Made" S. C. Ancona hatching eggs, \$6.25 per 100, from select flock mating. Sigel Taylor, Little Rock, Ark.

S. C. White Leghorn roosters, hatched in March, good laying strain; \$1 each. W. S. Elms, Atlee, Ark.

Purebred White Leghorn hens, to exchange for registered pig or a pair of Spotted Polands or Hampshires. Mrs. T. E. Batchelor, Dumas, Ark.

Several White Orpington cockerels (young.) to exchange for next season's mating. A. R. Hall, Pea Ridge, Ark.

Thrifty Buff Orpington cockerels, 8 weeks old, at \$1.50 each, or six pullets and one cockerel for \$8. Eggs, 15 for \$1. Mrs. C. T. Smith, R1, Box 143, Hartford, Ark.

Thirty-five Buff Orpington hens, 20 Buff Orpington cockerels, all standard bred, and about a year old. Will sell reasonable. J. T. Harwood Farm, Siloam Springs, Ark.

Leading Anconas in present National egg-laying contest; eggs, \$5 per 100; chicks, \$15 per 100; hens over two years, \$1 each. Avery Allen, Macon, Mo.

Pure English S. C. White Leghorn baby chicks and hatching eggs from big lopped-combed Hoganized females, mated to genuine Tom Barron pedigree males, 262 eggs and better. Baby chicks \$12 per 100, postpaid; eggs \$1.50 per setting, less per 100. Five eggs free with three settings. Write for particulars. Mrs. A. K. Dodgen, Oak Grove, Ark.

S. C. White Leghorn cockerels, 8 weeks old, \$1 each; also eggs at reduced prices; pure stock only. Mrs. D. C. Davis, Pangburn, Ark.

Tom Barron Strain White Wyandottes, imported. Eggs now \$1.50 per setting, \$6 per 100; \$3 for fifty, postpaid. Fairview Wyandotte Egg Farm, Aurora, Mo.

Seeds and Plants for Sale

Yellow jonquil bulbs, 25 cents each, postpaid. Mrs. C. B. Martin, Ashflat, Ark.

Choice sweet potato slips for only \$2 per 1,000, prepaid; can fill orders for any amount. Mrs. Ida Cunningham, Turkey, Ark.

Bunch Velvet Beans, for seed \$2.50 per bushel; any kind of the running variety, \$1.80 per bushel; sold in two bushel bags. Also Peas, Brabhams, \$2.75 per bushel; Whips \$2.50 per bushel. N. T. Beasley, Kite, Ga.

Nancy Hall potato slips, \$1.50 per 1,000 up to 10,000; \$1.40 per 1,000 for 11,000 or more, f. o. b. Earl R. Hariston, Warren, Ark.

Nancy Hall sweet potato slips, \$1.50 per 1,000, postpaid. Teddy Coffey, Stafford, Ark.

Peas, Whippoorwills, \$2.50 per bu. Forrest P. Owens, Bingen, Ark.

Whippoorwill peas, \$2.75 per bu. Silverdrip cane seed \$2 per bu. Seven-top turnip seed, 30c per pound. W. P. Waters, Pyatt, Ark.

Twelve everblooming roses, \$1.50; six evergreen shrubs, 50c. Single red Camelia Japonicas, 8 to 12 inches, \$1 each; 2½ feet, \$6. Shell pink, 10 to 12 inches, \$1.75; 2½ feet, \$7.50 each. Privet hedge, small size, \$4 per 100; \$35 per 1,000. Cabbage plants, 40c per 100, \$2.50 per 1,000. Shollot onion plants, 40c per 100, \$2.50 per 1,000. Celery, 15c per dozen, \$1.10 per 100. Ivan L. Butler, Leconte, La.

Miscellaneous for Sale

One new Butterfly cream separator, size No. 4½, in first class condition, cash value \$50; will sell or exchange for knitting machine or graphophone, must be of equal value. Also one large gasoline iron in perfect condition, will exchange for baby buggy

or something I can use. Mrs. Nora Phillips, Summers, Ark.

One pair of ten-months old dogs bred to tree dogs, black with white breasts, price \$40. Basal S. Forbin Davis, R1, Dover, Ark.

Silk crepe paper hats in any shade or shape, plain or braided, light and durable, \$1.50 to \$1.75 each. Also true to life cut flowers of all kinds; make beautiful lasting bouquets, 15 cents each or less for bunch. Mrs. R. L. Ball, Franklin, Ark.

Tow old fashioned deer hounds, eighteen-months old, unusually large, \$15 each, \$25 per pair. J. F. Cook, R3, Box 116, Fayetteville, Ark.

Three H. P. gasoline engine, good as new, value \$50. J. F. Cook, R3, Box 116, Fayetteville, Ark.

Thoroughbred Scotch Collie, female, price \$10, would exchange for thoroughbred pig. Chas. Tollett, R5, 101 Ranch, Bentonville, Ark.

Calamus root, 30 cents a bunch, prepaid. Alice Polk, Muddy Fork, Ark.

Tatting and crochet for sale. Mrs. Ida Cunningham, Turkey, Ark.

Homeseekers Who Want to Buy Arkansas Farms

John O. Deeds, Montezuma, Kans., wishes to locate in northwest Arkansas and is interested in homestead land.

W. S. Kerr, 127 West Montral, Detroit, Mich., wishes to raise and market geese and turkeys in Arkansas and requests information concerning same.

Tom Bond, 1103 State St., Cedar Falls, Ia., wishes to locate in northwest Arkansas and would like a small farm of 10 to 40 acres, homestead land would interest him.

W. H. Considine, Cedar Falls, Ia., requests information concerning northwest Arkansas near Siloam Springs, as he would like to locate there.

Literature has been sent to the following persons who are interested in Arkansas: C. M. Pearce, 631 Mobile Ave., A. C. Vaughn, T. A. Cheshire, W. Beckcom, 327 5th St., and E. A. Barnett, all of Port Arthur, Texas.

G. R. Batchelder and E. W. Batchelder, Garden City, Kans., request literature concerning Arkansas, especially homestead lands.

Literature has been sent to the following prospective homeseekers: Geo. Raymond Reynolds, R. F. D., Dexter, Ia.; J. F. Mount, R. F. D., Adaza, Ia.; Jay A. Mount, R. F. D., Winterset, Ia.; Seth W. Mount, Greenfield, Ia.

John Barnes, 210 Private Del., Burkburnett, Tex., requests literature on the raising of poultry in Montgomery county, Ark.

W. E. Greten, Rattle Snake Buttes, Colo., wishes to buy a 40 to 60 acre farm with lots of good saw timber and railroad ties, hardwood preferred; near transportation.

Earl Deremo, Tomahawk, Wis., is interested in homestead lands in north central Arkansas. He is planning to locate there in the fall.

"Please send information concerning homestead or cheap farm land in Arkansas." Richard Duckworth, Orient, Ill.

"I am planning to move to Arkansas and would like all information possible." C. F. Johannsen, Standard, Alberta, Canada.

John Hunt, 226 South Grace St., Indianapolis, Ind., wishes to buy a farm in Arkansas.

L. W. Garrett, Garrison, Mo., wishes to trade a store building for a berry, fruit farm or town property in northwest Arkansas. Will assume or take difference.

L. F. Burke, R4, Hope, Ark., wants to buy a small, well improved farm near town and school.

Jacob Stark, 732 W. Olive St., Decatur, Ill., wishes to locate in Arkansas and wants from 20 to 40 acres of general farming land, improved or partly improved.

J. W. Gillock, Deerfield, Kans., requests information concerning the

WANTED TO BUY OR EXCHANGE

Two Holstein heifers or cows. Must be registered. J. M. Zimpel, Clarksville, Ark.

To exchange pure bred White Leghorn males for pure bred White, Buff or Brown Leghorn pullets or eggs. H. B. Chism, Danville, Ark.

A good doctor, large territory, will sell dwelling, barn and small stone house suitable for office, to right party; also a few acres of land. Ben Lassiter, Box 45, Alpine, Ark.

A dairy club wants to know the names and addresses of Guernsey cattle breeders. They want a bull calf or yearling of the best of Guernsey breeding; registered stock. L. W. Forbes, Hackett, Ark.

Registered Guernsey bull yearling. Julius & Henry Bosinger, R1, Hackett, Ark.

Purebred Blue Swedish Duck eggs or ducklings. Mrs. E. T. Milner, R1, Box 52, Blevins, Ark.

best location for general farming and stock raising in Arkansas, also health conditions and educational advantages.

W. S. Graves, Carmen, Okla., requests information on agricultural and health conditions in northern Arkansas near Harrison, Cotter and Berryville.

Roy Jameson, R1, Box 18, Billings, Mont., would like to buy a small farm in northern Arkansas, and requests information concerning the climate, soil, crops and school advantages.

W. B. Theobald, East Lynn, Ill., is interested in Arkansas, especially St. Francis county, and requests information regarding agricultural possibilities, diversified farming, cotton growing and stock raising, also mineral surveys and oil prospects.

E. M. Backloup, 1301 W. 7th St., Amarillo, Tex., desires to locate in western or northwestern Arkansas and requests literature descriptive of real estate or property for sale or exchange.

T. A. Ikerd, Devol, Okla., wishes to locate in Arkansas and is especially interested in Logan county; he requests literature relative to soil conditions and kind of crops grown.

L. J. Reed, 102 W. Lake St., Room 36, Chicago, Ill., is thinking of moving to Arkansas and is interested in the Ozarks. He asks for literature concerning general farming, stock and poultry raising and climate.

C. H. Ball, R1, Vandalia, Ill., wishes to locate in Arkansas this fall or winter and requests literature concerning same.

A. M. Grimes, R3, Wanchula, Fla., expects to visit Arkansas in July in view of finding a location adapted to agriculture.

Arthur E. Berquist, Box 441, Groton, S. D., is a prospective homeseeker in the Ozark region of Arkansas and requests information concerning its soils, climate, resources and health conditions.

John F. Hunt, 226 S. Grace St., Indianapolis, Ind., wishes to buy a farm in Arkansas with plenty of timber, fruit and good improvements.

Nathaniel Young, Kittery, Maine, a machinist by trade would like to find employment in Southern Arkansas.

Geo. Altman, R1, East Moline, Ill., requests information concerning state or other land in the Ozark region of Arkansas, its adaptation to fruit and berry raising, also poultry; he would like to be near White River.

A. C. Grove, R1, Puxico, Mo., requests information concerning homestead land in Arkansas.

C. H. Shell, P. M., Rattlesnake Buttes, Colo., is interested in the Ozarks of Arkansas. He requests information concerning good farm land and altitude of same.

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post-office at Little Rock, Ark., under the act of June 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 7

LITTLE ROCK, ARKANSAS

July, 1923

Department of Agriculture, Deprived of Funds by Auditor's Refusal to Issue Warrants, Invokes Aid of Courts

WITHOUT a postage stamp with which to mail a reply to the farmer who writes to the department for advice, the Department of Agriculture on the first of July entered upon a new fiscal year—a year that the people of Arkansas had planned to be the busiest and most useful in its history and for which they had provided ample appropriations. But these funds have been tied up in litigation, and one of the most important branches of the state government, one that affects every character of productive industry, is embarrassed and harassed by a lack of money with which to meet its operating expenses, and under these conditions must undertake to function until the courts have an opportunity to review the case and give the department justice.

Readers of The Bulletin are familiar with the fight that has been waged against the department—how efforts were made to tear up and destroy its organization in the last General Assembly and prevent the appropriation of funds to maintain the agricultural work. They will remember that after the department's appropriation bill was passed by both houses of the Legislature, signed by the Governor and filed with the Secretary of State, as good and sound a law as was ever put in the statute books, that the Senate attempted to "expunge" the record of the bill's passage and thus invalidate the appropriation; that the Commissioner appealed to the Chancery Court of Pulaski county and that tribunal forbade the destruction of the records in the manner attempted. The reader will remember that Attorney-General Utley gave an opinion to the effect that the appropriation bill was legally passed—that the "expunging" motion did not invalidate it, and that State Treasurer Joe Ferguson said that he would pay the warrants if presented.

In the face of all these facts—with the General Assembly, the Governor, the Attorney-General, the State Treasurer and the courts of the state upholding the appropriation bill, the State Auditor, James Guy Tucker, refuses to issue warrants on the vouchers of the department, and before any part of the fund can be obtained the strong arm of the law must be invoked to force this public official to perform his obvious duty. Consequently mandamus proceedings have been brought in the Circuit Court of Pulaski county to compel the State Auditor to honor the vouchers of the Department of Agriculture. This case will speedily be tried and the Court will decide whether an established law of the state can be repealed by a simple motion of a few members of one branch of the legislative body. If

ATTORNEY GENERAL UTLEY HOLDS APPROPRIATION IS VALID

Little Rock, Ark., May 24th, 1923.

HON. JIM G. FERGUSON,
State Capitol,
Little Rock, Ark.

Dear Sir:

Upon the record contained in your communication, it is the opinion of this office that said Act No. 344 is valid and that the State Auditor would be legally justified, after the appropriation becomes available, in issuing warrants on proper vouchers regularly drawn against said appropriation, and the State Treasurer would be legally justified in paying said warrants.

Yours very sincerely,

J. S. UTLEY, Attorney-General.

the appropriation is upheld—as every attorney of standing who has expressed an opinion declares that it will be—it is anticipated that the department will be further inconvenienced by its opponents appealing the case. If this should be the procedure it will be late in September before a final decision can be obtained, as the Supreme Court is now on its summer vacation, and until then the department will not have one cent with which to meet its expenses.

If those who are attempting to destroy and hinder the Agricultural Department think that these tactics are

going to force the department to close or in any way diminish its activities, they are mistaken. The work will go on uninterrupted. There will be no suspension of the service that we are trying to give the people. Every loyal employee will remain at his post. My duty to the people will be fulfilled.

These are matters with which the public should be made familiar. We have stated the facts plainly and without prejudice. The people can draw their own conclusions as to the motives behind this attack upon the farmer's department. It is not necessary

to say who is behind this fight or why they are trying to prevent the continuation of the agricultural work authorized by the General Assembly.

Attacks no doubt will be made upon the department from other sides on the assumption that if one scheme fails another may succeed. We are informed that a suit is being drawn to be filed in the Federal Court at Fort Smith in which an Oklahoma feed manufacturer is plaintiff, by which it is sought to destroy the feed inspection service of this department on the grounds that the tax collected exceeds the amount expended in the inspection work. This will mean a long drawn out fight in the courts at a big expense to the state, and if the foreign litigants, aided by their Arkansas advisers, are successful it will remove the restrictions upon manufactured feedstuffs and make Arkansas the dumping ground for cheap and inferior stock feeds which the present strict regulations prohibit from being brought into the state. There is no complaint from feed manufacturers, dealers or consumers against the operation of the present feed law, and if the suit is brought it will simply be to cripple the department and interfere with the useful service it is seeking to render to the public.

The Bureau of Mines, Manufactures and Agriculture has just turned back into the State Treasury the sum of \$26,792.24 remaining unspent from its appropriation for the last fiscal year—money that the Commissioner was authorized to spend but which he was able to save in various ways and which now goes into the general funds of the state for the payment of public debts.

This policy of economy and a vigorous enforcement of the regulatory laws make it possible for the work to be carried on without a heavy expense upon the general revenue of the State; in fact, the department each year is becoming more and more self-sustaining. If those who are obstructing the constructive work undertaken by this branch of the government and who are undertaking to deprive the department of its appropriations have their way, the service will not only be discontinued but the collection of special taxes authorized by law will be discontinued and the State of Arkansas will be deprived of thousands of dollars of legitimate revenue. The people of Arkansas elected me to enforce these regulatory laws and to see that this money is paid into the treasury and I propose to do my duty, whether I get any salary or not.



Boys of the Greenland Self-Help Club Studying Pigs
See Rufus J. Nelson's Article on Page Two

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly By The
**STATE BUREAU OF MINES, MANUFACTURES
AND AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

Self Help Clubs Are Improving Rural Life in Arkansas

(By RUFUS J. NELSON)

ACTIVE, unselfish, energetic citizenship has begun in northwest Arkansas. The people are helping themselves, uniting to advance the community, and, through the community, taking part in county affairs. The hope is that the counties may unite, expressing the co-operation of the people, for state advancement in schools, roads, and higher ideals of citizenship.

Self-help Clubs at school houses have advanced the idea. The idea is now a plan, and the plan is being worked.

One evening a little more than two years ago, the people of the Mount Comfort community called a meeting. Men, women and children came. The informal program began by singing; talks and neighborhood conversations followed. The writer urged that a Self-help Club be formed; that men, women and children have regular meetings; that the school have the united assistance of the club; that the roads be dragged regularly; that contributions of labor and money be asked to keep the road to market in good condition; that the club invite other communities to organize clubs and come along to advance all communities of the county.

Mount Comfort Self-help Club was organized and the people began to help themselves. The writer went to Greenland, and the Greenland Self-help Club organized and went to work. That club put in a light plant for the school auditorium and contributed to put in a course in domestic science. Then Harmon organized; Elkins, Combs Chapel, Son's Chapel, Habberton and others, till forty-two Self-help Clubs were formed in Washington county.

A conference of club members answered a call, meeting at Fayetteville and associating as Washington County Self-help Club. Officers now serving the County Club are: J. J. Osburn, president, Winslow; vice-president, Sam Carson, Fayetteville, Route 1; secretary, A. G. Hartley, Fayetteville, Route 1. Committees on education, roads, marketing, better farm homes, and other essentials were set to work.

The local clubs joining hands through the County Club, Washington County Rural Directory and Registry of Farms was published. Getting this data was a task. But local clubs appointed committees, who canvassed the community, helping every farmer to name his farm. The directory is of fundamental importance in marketing and community building. Apple buyers, strawberry buyers, buyers of purebred live stock, standard bred poultry, may reach the farmer-producer in three ways: By telephone, by letter, or by

truck or automobile, for all of this information is published in the directory. The attractive and appropriate farm names published in the directory, with the specialties and general crops, have brought farmers out of darkness into light, and enlisted the co-operation of business and professional people to build the county.

The Macedonian Cry from Madison county was answered by Club members in Washington county. Clubs are functioning in Madison. Benton county citizens began and have accomplished much. Crawford county calls

their clubs Community Clubs, but there is no material difference—all are Self-help Clubs—for the fundamental idea is helping ourselves and the community. Crawford county clubs secured a copy of Washington County Rural Directory and Registry of Farms and published a very creditable rural directory.

The club movement crossed the line into Missouri. There are now many active clubs in that state, and in the very near future the two neighboring states, through their club members in rural communities, will be "standing like a stone wall" for the highest type of active citizenship.

Clark county, Arkansas, has several active Self-help Clubs and is exceedingly anxious for communities in other counties of that part of the state to join in forming a state club as a clearing house for all clubs, associations, organizations for the advancement of agriculture, education and citizenship in general.

A Self-help Club is significant of a pure democracy. Every person in the community—men, women and children—are invited. The club co-operates with the state department of agriculture, with representatives of the department of education, with the county agents, representing the College of Agriculture and United States Department of Agriculture. But the emphasis is placed on self-help, which is the best and only dependable help.

Every community may have a club. Let someone, or several, call a meeting at the school; urge all to come. Start off the exercise by singing and music. Someone explain that a Self-help Club is the People's Club to do what the people want; to build rural life; help themselves market; help themselves to better roads; to build better schools; put in libraries; start the young people to reading and prepare them for leadership.

Farmers' short course at College of Agriculture, Fayetteville, August 14-17.

FARMS FOR SALE

Farm On Jefferson Highway—160 acres near Schaberg, Ark., 12 acres in cultivation, 80 or 100 acres in good bench land; fertile soil, some timber. Price \$3,000, half cash, balance on terms. C. C. Rogers, R2, Box 60, Mountainburg, Ark.

Unimproved Upland Farm—160 acres in healthful location, seven miles from railroad station, near school and church; all land can be cultivated; title good. C. M. Hooten, R1, Shirley, Ark.

Timber Land—480 acres of good timber land in Baxter county; a good saw mill near. W. B. Carrico, Mountain Home, Ark.

For Sale or Exchange—Eighty-acre farm in Poik county, one and one-half miles to railroad town; good buildings and all kinds of fruit on place; 65 acres in cultivation. Will sell on easy terms or exchange for northern property. M. J. Blakely, Grannis, Ark.

Baxter County Farm—160 acres, partly improved, in good neighborhood and near school, good open timber and free range. Old age is reason for selling. If not sold at once will lease for two or more years. M. T. Allman, R1, Mountain Home, Ark.

Fruit and Stock Farm—Eighty acres, including all stock, household goods and crop, for \$5,500. Desire a smaller place in northern Arkansas is reason for selling. J. W. Snelson, R2, Box 41, Russellville, Ark.

Newton County Farm—Forty acres six acres in cultivation, family orchard, grove of walnut trees, near school and on mail route. Price \$4 per acre. Mrs. Susie Boone, Nail, Ark.

For Sale or Trade—160 to 280 acres good cut-over timber land in Drew county, one and one-half mile to railroad station, near two oil wells; will sell or trade for smaller improved acreage or business, or will sell cheap. William Thurman, Deane, Ark.

Stone County Farm—175 acres of good strong land, 25 acres in cultivation, balance in timber; three-room house and outbuildings; will include stock and farm implements. M. N. Bright, Herpel, Ark.

Forty-Acre Farm—Located two and one-half miles from Schaberg; 120 Elberta peach trees, some young apple trees, one acre of strawberries, eight acres of good plow land, on public highway. F. M. Price, R2, Box 63, Mountainburg, Ark.

Stock Ranch—1,440 acres; alfalfa, orchard and spring water on place; located on highway 14 miles from Eureka Springs. Will sell reasonably for cash or terms; no incumbence. H. H. Walker, Seligman, Mo.

Fruit-Truck-Poultry Farm—Will sell at a reasonable price this 40-acre well improved farm, including all stock, wagon and harness. Will Ratliff, R. F. D., Box 49, Mountain Valley, Ark.

Two Mountain Farms—(1) Eighty-seven acres of well improved land on rural route and telephone line; good poultry, fruit and stock farm. (2) Twenty-six-acre farm, all in cultivation, healthful location, near school and church. W. L. McCorkle, Stafford, Ark.

Fruit and Dairy Farm—160 acres, 50 in cultivation, more can be cleared; five-room house and outbuildings, 300 Elberta peach trees; will include four head of horses, fifteen Jersey cows and all farm implements. Price \$5,000. A. Evans, R1, Grandview, Ark.

Ideal Stock Farm—100 acres near Havana, Ark.; 40 acres in cultivation; four-room bungalow, barn and outbuildings; splendid for stock raising. Soil is especially adapted to corn and cotton. J. E. Dourogh, Havana, Ark.

Lawrence County Farm—160 acres, 90 acres cleared, balance in good timber; house and barn on place, some fruit, 70 acres in corn and cotton; purchaser gets the rent this year. Price

\$1,600, one-fourth cash, terms on balance. J. G. Wells, Black Rock, Ark.

Two Farm Bargains—Two 40-acre farms located in Benton and Washington counties; half cash, balance on terms. W. M. Mikerell, R3, Box 48, Springdale, Ark.

White County Farm—Seventy-one acres, with three-room house and barn; on rural route and telephone line, near school, church and store. Some cut-over timber on place; price \$1,775, \$500 cash, balance on terms. W. A. Thompson.

78-Acre Farm—Well improved farm located one and one-half miles from Schaberg, Ark.; 35 acres in cultivation, 20 acres in orchard; six-room dwelling and outbuildings on place. Price \$2,000; terms on part. C. C. Rogers, R2, Box 60, Mountainburg, Ark.

40-Acre Farm—Good improved farm, one mile from Pea Ridge. Reasonably priced, easy terms. Mrs. L. E. Brinkman, R1, Seligman, Mo.

Three Improved Farms—Three improved farms and 460 acres of timber on White river, near railroad town. Will take auto or other exchanges as part payment, or tenth cash, tenth annually. Mrs. M. L. Chamberlain, 1637 Coliseum St., New Orleans, La.

Fruit and Poultry Farm—Twenty-five acres, three-quarters of a mile from Magazine, Ark.; 18 acres in pasture, five-room house and outbuildings, 40 peach and apple trees, one mile from Magazine Industrial Institute. Price \$1,250. Twenty acres just across the road can be bought for \$1,000. Henry Slone, Magazine, Ark.

Stock and Dairy Farm—100 acres in St. Francis county, 85 in cultivation, young orchard and garden; new seven-room bungalow, four-room tenant house, outbuildings; located on public highway, near market, churches and high school; land is high and well drained, ideal for dairyman or stock grower. Price \$60 per acre; terms. G. H. Blount, Box 166, Palestine, Ark.

Truck and Fruit Farm—Forty acres in Lincoln county, 20 acres fenced, 10 in cultivation, suitable for truck, fruit or general farming; near school and church; on pike road. Price \$350 cash. J. L. Dodds, Rest, Ark.

160-Acre Farm—Located in Northeast Arkansas on public road, 80 acres under fence, 40 cleared; five-room house and outbuildings, small orchard. Will include half of crop if sold before gathered. Price \$2,000. E. E. Cozart, R1, Box 32, Hardy, Ark.

95-Acre Farm—Fifteen acres fenced and part cleared, 40 acres can be cultivated, balance suitable for pasture; log house and outbuildings, 70 young fruit trees; situated on main road four and one-half miles to Ravenden. Price \$650. W. A. Groves, R2, Box 10, Ravenden, Ark.

For Sale or Trade—200 acres of good cotton and corn land, part in cultivation; two sets of buildings, lots of tie timber, near school and church. Price \$1,600, or will trade for stock of goods or small poultry farm near railroad. Robt. R. Black, Shirley, Ark.

Two Farm Homes—565 acres, four miles from Zack, 82 acres in cultivation, fine for fruit, berries and general farming; will make two ideal homes; will sell either half for \$15 per acre; timber on all land not cleared is worth the price. B. H. Sanders, Zack, Ark.

Farm Near Siloam Springs—Seventy-six acres one mile from Siloam Springs, good house and outbuildings. 60 acres fenced with woven wire, 10 in cultivation. Price \$35 per acre. H. J. Buffington, R2, Siloam Springs, Ark.

Fruit and Dairy Farm—Forty-three acres, all in cultivation, four-room house, fruit and milk house, outbuildings; near school, church and rural mail route. Price \$2,400. Ross Denton, Alpena Pass, Ark.

Farm Bargain—Eighty acres, 50 in cultivation, some good timber; two miles from Waldron. Will sell cheap. Mrs. Z. V. Smith, R2, Box 21 Waldron, Ark.

Washington County Farm—160 acres, 65 in cultivation; three-room house and outbuildings; conveniently located, near county seat and Jefferson highway; will include stock, poultry and farm implements at a bargain price, \$3,000. J. H. Buckley, Mayfield, Ark.

Upland Farm—280 acres five miles northeast of Rison, Ark.; 60 acres fenced, 25 acres cleared, 5 acres in Bermuda grass pasture; large house and other buildings, several large stock ponds; lands is leased for one-eighth of oil and gas; price \$25 per acre, including one-half of royalties, one-half cash, terms on balance. Orren Glenville, R1, Box 8, Rison, Ark.

Searcy County Farm—120 acres, 16 acres fenced, plenty of timber, one small house, near good school, churches, store and mills. Will give easy terms if desired, or will trade for good rental property or a Ford car. F. T. Maxwell, Witts Springs, Ark.

Marion County Farm—120 acres, 20 in cultivation, 75 peach trees on place; three-room house and outbuildings; located on Crooked Creek near Cotter; will include live stock, poultry and crop. J. L. Tolson, Rea Valley, Ark.

Sharp County Farm—205 acres, 70 in cultivation; two good houses and barns, some timber; seven miles from railroad; will include stock and implements if desired. T. J. Haney, Sitka, Ark.

Improved Land—160 acres of improved land in Benton county. For particulars address Mrs. Anna Baugh, Box 236, Commerce, Okla.

Upland Farm—120 acres good upland in Johnson county, 80 acres in cultivation; small orchard; five-room house and outbuildings; five miles from railroad. A. Crewer, Hartman, Ark.

For Sale—270 acres, two miles from town, \$3,750. Also two small farms. George R. Jones, Waldron, Ark.

Perry County Farm—Forty acres, three miles from Casa; all fenced and cross-fenced, two-room house and outbuildings; 25 fruit trees, 15 acres cleared, balance in timber and pasture; price \$800. M. Stehlik, R2, Casa, Ark.

Stock and Poultry Farm—120 acres upland, good house, barn and orchard, pine and oak timber, 14 miles west of Hot Springs; will sell at a bargain for cash. M. T. Kizziar, R1, Percy, Ark.

Land for General Farming—160 acres of upland, 14½ miles west of Hot Springs; 25 acres cleared, good orchard and timber, house and barn; \$10 per acre. M. T. Kizziar, R1, Percy, Ark.

For Sale or Exchange—515 acres of creek bottom land, fine for a grain and stock farm; 250 acres in cultivation, balance in timber and pasture; good improvements and well located. Want to exchange for smaller farm, eastern Kansas preferred. J. C. Phillips, Summers, Ark.

Two Tracts in Benton County—(1) 210 acres on Sparinaw Creek, four miles from Decatur; 90 acres in cultivation; good oak and saw timber; three-room house. Price \$30 per acre. (2) 120-acre farm on Sparinaw Creek, 40 acres in cultivation, four-room house and barn. Will sell at a bargain. James I. Jolt, R3, Box 111, Gravette, Ark.

Two Farms Near Bonnerdale—(1) 170 acres on National Highway, 18 miles west of Hot Springs, two miles from Bonnerdale; 65 acres in cultivation, good buildings, 1,000 bearing Elberta peach trees. Price \$20 per acre, terms on part. (2) Fifty-five acres on Big Mazarin Creek, two miles from Bonnerdale, 40 acres in cultivation, 12 acres of bottom land; some fruit and strawberries. D. O. Friend, R2, Bonnerdale, Ark.

Truck Farm—Sixty-five acres, 40 in cultivation, 20 in pasture and timber; six-room house and outbuildings; two miles from Hot Springs highway; price reasonable. Mrs. L. A. Thomas, Alexander, Ark.

Improved Farm—160 acres, 110 in cultivation, four sets of good improvements; orchard, pasture and timber; good school and church, on highway; land is adapted to truck crops, fruit and general farming; good location for country store. Price \$9,600. J. W. Turnage, R4, DeQueen, Ark.

Farming Land—172 acres of land suitable for general farming; good buildings; price reasonable; terms if desired. Mrs. D. C. Davis, R1, Pangburn, Ark.

Benton County Land—430 acres near Decatur; one fine stock farm, well improved; one fruit farm, 60 acres, two sets of improvements; will sell cheap or trade for Kansas, Missouri or northeast Arkansas land. Will also include live stock with farms. A. D. Wilmoth, Box 84, Decatur, Ark.

Sharp County Bargain—160 acres, 50 under fence, 35 cleared, fruit for family use; five-room house and outbuildings, located near railroad and good markets. J. S. Scoles, Box 116 Williford, Ark.

Stock and Poultry Farm—240 acres of natural clover and alfalfa land, 40 acres cleared, 200 acres under woven wire fence, 20 acres in clover, alfalfa and timothy; eight-room house and outbuildings, four miles from Williford on Frisco railroad. J. S. Scoles, Box 116, Williford, Ark.

Town Property and Farm—Six-room house with barn and outbuildings, located on pike near railroad station, convenient and modern. Also two lots near high school, now in cultivation. Forty acres of good land two and one-half miles from town, 15 acres bottom land and 25 acres upland, plenty of saw timber. Will sell at bargain with terms. Mrs. Lillian B. Miller, Beebe, Ark.

Fruit Farm—Forty acres near Winslow; 20 acres fenced, eight acres in cultivation. Plenty of fruit, berries, timber and pasture, good buildings; will include crop, stock and household goods for \$1,000. W. S. Davis, Winslow, Ark.

120-Acre Farm—Ninety acres in cultivation, balance in pasture, located three miles east of Fitzhugh; three houses and large barn; farmily orchard. Price \$50 per acre. M. H. Lowe, R1, Box 111, Weldon, Ark.

Forty-Acre Tract—This is fine land for growing strawberries; will sell cheap or trade for cattle or sheep. M. M. McCall, Bradford, Ark.

Fruit and Berry Farm—Forty acres in Sebastian county, 30 acres in cultivation; rich, black soil, five miles from railroad town; will include crop and team if desired. Price \$1,000, easy terms. J. W. Clark, R1, Hartford, Ark.

Boone County Farm—240 acres, 65 in cultivation, 120 acres under wire fence. 60 more acres can be cleared, near railroad and markets. Price \$15.50 per acre, or will trade for property of equal value; terms if desired. Mrs. W. E. Prewitt, Omaha, Ark.

Farm Will Sell at Bargain—Sixty acres, two miles from Springdale, on gravel highway; 59 acres in cultivation, 14 acres in orchard, six in strawberries; good house and barn, near school. Price \$7,000. H. M. Hepler, R3, Box 120, Springdale, Ark.

Fruit and Berry Farm—Twenty acres, 400 fruit trees, lots of berries, good water and pasture, fine for raising stock and poultry; a very desirable home. D. W. Loudonback, Ola, Ark.

Modern Farm Home—Eighty acres of land suitable for general farming, 70 acres cleared, plenty of fruit; modern six-room house and barns, conveniently located, on county road. Price \$3,700, terms on part. W. H. Porter, Hardy, Ark.

Fruit and Berry Farm—Sixty acres in Franklin county, 40 acres in cultivation, balance in timber and pasture, good improvements, near good markets, schools and churches; healthful climate. J. C. Walker, R2, Ozark, Ark.

Washington County Farm—160 acres, located on Cane Hill; 110 in cultivation, 25 acres in young apple orchard, balance in red clover and timber. Charles T. Kirby, Clyde, Ark.

Carroll County Farm—Eighty acres, 70 in cultivation, balance in timber, seven acres in peaches; four-room house and outbuildings; free range; 12 miles from railroad. Price \$1,200 if taken soon. A. L. Jones, R4, Box 19, Green Forest, Ark.

Bottom Farm—Eighty acres, 60 in cultivation; house and barn; located on public road, near school and church. Will sell on easy terms or exchange. J. P. Shaver, Spring Valley, Ark.

Twenty-Acre Farm—Located in Boone county on a good graded road,

six miles to county seat; all land is in cultivation except two acres of woodland; new bungalow, some fruit, splendid location for poultry farm. Mrs. Minnie Baughman R1, Bellefonte, Ark.

Prairie County Farm—160 acres, 100 in cultivation, 50 in virgin timber near railroad and county seat; good buildings on place. Price \$20 per acre, half cash, balance on terms with low interest. (2) 120 acres, located nine miles from Des Arc on public road, near school and churches; 60 acres in cultivation; five-room bungalow and outbuildings, orchard and strawberries; \$30 per acre. Worlie Johnson, R1, Des Arc, Ark.

Forty-Acre Tract—Well timbered land near two oil wells now being drilled. Address correspondence to Box 70, Bono, Ark.

Creek Bottom Farm—Thirty-five acres, well improved, young orchard, three acres in strawberries, four-room bungalow and outbuildings; healthful location. J. A. Hatley, Mulberry, Ark.

Two Mountain Farms—(1) Eighty-two acres, 20 in cultivation, good goat ranch. Price \$1,000. (2) 160 acres, good orchard on place. For further information write owner. J. H. Kilgore, Low Gap, Ark.

Two Farms in Boston Mountains—(1) 160 acres, 15 in cultivation, good timber, no improvements, near school and postoffice; (2) 160 acres, 60 in cultivation, 10 acres in pasture, family orchard, eight-room house and outbuildings; healthful location. W. A. Bayless, Mosville, Ark.

Truck - Dairy - Poultry Farm—26½ acres one-quarter mile from thriving oil town, on Pine Bluff-Texarkana highway to several good towns, good markets, schools and churches near; can give immediate possession with crop on place; will sell at bargain. Lewis T. Sanders, R1, Box 132, McNeil, Ark.

Nevada County Farm—Ninety acres, 50 in cultivation, 12-acre pasture, two-acre orchard, six-room house, good outbuildings; eight miles from Prescott. Will sell or exchange for a well improved 50-acre farm in the northern part of Arkansas. John Jordan, Laneburg, Ark.

For Sale or Exchange—270 acres, 100 acres in cultivation, lots of timber, large three-room house; some fruit; on public highway, three miles to town, one mile to school; \$600 loan on place; must sell. Price \$12.50 per acre, or will exchange for town property. John Berry, Franklin, Ark.

Clark County Farm—Seventy acres, suitable for general farming and stock raising; some fruit and timber on place, good buildings; well located. John T. McDaniel, R4, Box 69, Okolona, Ark.

Farm in Fruit Belt—Forty acres, four miles north of Rogers on main highway; five acres in apples, four acres in strawberries, three acres in peaches; six-room house and outbuildings, near church and school. Price \$4,000, terms on part. J. L. Head, R4, Rogers, Ark.

Tract Near Hot Springs—Eighty acres of land to sell or trade for sheep. What have you to offer? W. T. Jones, R3, Rector, Ark.

Sandy Loam Soil—Sixty acres, all in cultivation except eight acres of timber; good machine-worked fields, some alfalfa, clover and timothy; three-room house and outbuildings, on good road one mile from Bellefonte; priced right, with part cash. John Higginbotham, R1, Bellefonte, Ark.

General Farming Land—160 acres, 50 in cultivation, all can be cultivated except 10 acres, some fruit and berries; fine place for stock and poultry; five-room house and outbuildings; this is a very healthful and convenient location; anything can be grown on this land. Price \$3,000. W. J. Gadberry, Higden, Ark.

Benton County Fruit Farm—Beautiful young orchard in Gentry, 40 acres, well cared for, 600 bearing apple trees planted in 1917, 400 apple trees planted since 1920; house and barns on place; a good investment. Mrs. John H. Brickman, 1895 W. 47th St., Cleveland, Ohio, or First National Bank, Gentry, Ark.

Dairy and Fruit Farm—280 acres, 100 in cultivation, 30 in meadow, some timber; six-room house and outbuildings; will include 18 head of good Holstein cows and 35 head of hogs. Will trade for small farm or unimproved land, or will sell on easy terms. Price \$8,000. J. S. Martin, Brentwood, Ark.

An Excellent Farm—160 acres, 100 acres in cultivation, all fenced, good orchard and pastures, some timber; conveniently located on public road and rural mail route; \$35 per acre cash, or \$40 per acre on terms to suit purchaser. G. H. Blount, Palestine, Ark.

Forty-Acre Farm—Well improved farm eight miles from Warren. Will include a pair of mules, wagon, harness and farming implements. Would consider trade for town property. J. H. Reynolds, R1, New Edinburg, Ark.

Town Property for Sale—Two-story four-room house in Elba, 10½ lots, barn and other buildings; will include blacksmith shop. Price \$450 cash. G. W. Bradley, Salus, Ark.

Northwest Arkansas Farms—"I will sell any two of my three farms in northwest Arkansas at a reasonable price."—T. A. Barnes, Stafford, Ark.

White County Farm—Seventy-five acres, 50 in cultivation, 22 in pasture and woodland, three acres in meadow, good orchard; house and outbuildings; near church and high school. S. F. Thomas, R1, Box 72, Rose Bud, Ark.

Upland Farm in Marion County—137½ acres, 40 in cultivation, balance in pasture and timber land; 200 bearing fruit trees, three-room house and outbuildings; convenient and healthful location. Price \$10 per acre, or \$1,250 will buy it if taken within a limited time. Dink Berry, Flippen, Ark.

Desirable Home—Nelsonville, Ark., is in a high, healthful locality and crops can be grown profitably in this section; there are good schools and churches here; anyone wishing to buy a farm home will be pleased with the low price of rich farm land in this country. W. R. Nelson, Nelsonville, Ark.

Sixty-Acre Farm—Twenty acres in cultivation, good buildings, fruit, tame grass and outside range, located in Baxter County, Ark. Will sell cheap. C. C. Williams, Howard Ridge, Mo.

The Valley Division of Neldale—Ninety-three acres, smooth land, one mile from Fayetteville; six-room house; orchard, suitable place for dairying and general farming. Price \$12,000; terms on part. Rufus J. Nelson, Neldale, Fayetteville, Ark.

Small Tract Near Fayetteville—Twenty-three acres one mile from Fayetteville; four-room house and outbuildings, young orchard, suitable for poultry and fruit; ideal suburban home. Price \$3,000, terms on part. Rufus J. Nelson, Neldale, Route 5, Fayetteville, Ark.

Logan County Land—162 acres on Sugar Creek, 100 acres in bottom land in cultivation, 62 acres of upland well timbered; five-room house and outbuildings; outside range; nine miles to railroad. (2) Eighty-acre farm, 40 in cultivation, small pasture and meadow, balance in timber; three-room house well furnished, near good school. Dixon Garner, R1, Sugar Grove, Ark.

Farm for Quick Sale—Eighty acres suitable for general farming; good white oak and black hickory timber; near school and church. Will take \$800 if taken soon. Joseph H. Baer, Sauls, Ark.

Farm in Strawberry District—120 acres of unimproved land, suitable for strawberries and grapes, located in White county strawberry district; will sell part or all of tract. C. W. Pearson, Bradford, Ark.

Izard County Farm—120 acres, 60 in cultivation, 80 fenced; located on public road near school and church; three-room house and outbuildings. Price \$2,000, terms on part. S. L. Benbrook, R1, Garfield, Ark.

Poultry and Berry Farm—Seventy-two acres, located ten miles west of Hot Springs, 40 in cultivation; good house and barn; located near good markets where poultry and berries can be sold profitably. E. F. Stricklen, Percy, Ark.

FARMERS EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock for Sale

HORSES AND MULES

One fine registered Kentucky Jack, 14½ hands high, weighs 950 lbs.; will sell cheap or trade for good dairy cows. M. B. Goodman, R2, Mena, Ark.
Two jacks, eight and two years old, respectively, will sell or trade either for a good Ford car. Mason Landers, Patrick, Ark.
Twenty yearling mules, mostly blacks. Carl Farris, Agency, Mo.

CATTLE

Good Swiss Jersey bull, four years old, \$35. A. L. Jones, R4, Box 19, Green Forest, Ark.
Registered Jersey bull, good disposition, strictly dairy type, best of breeding, dehorned, two and one-half years old. Price \$75, f. o. b. Ravenden. C. C. Ball, Ravenden, Ark.

SHEEP AND GOATS

Registered Shropshire buck and spring bucks for sale. Loy A. Johnson, Mayfield, Ark.
One good grade Shropshire ram; also a good spring Shropshire buck lamb. W. T. Jones, R3, Rector, Ark.
Thirty good common goats, will sell cheap or trade for sheep. M. M. McCall, Bradford, Ark.

HOGS

Duroc Jersey male, purebred, fine color; perfect animal; ready to wean; priced right. Dolph and Winston Prothro, club boys, Ferndale, Ark.
Hampshire pigs, seven weeks old, \$3 each f. o. b. Rogers. J. L. Head, R4, Rogers, Ark.
Fine Duroc sow, 18 months old, subject to registration; price \$40. Also sow pigs, weight 80 lbs., \$10 each. Grover Sanders, Sitka, Ark.
Registered Poland China weanling pigs, either sex, well marked, best of breeding, registered in buyers name, \$12.50 each f. o. b. Ravenden. C. C. Ball, Ravenden, Ark.
Purebred Duroc Jersey male pigs, two months old, \$5 each. Samuel J. Barber, Havana, Ark.
Registered Spotted Poland China boar, two years old; also a few Hampshire sows, will sell at sacrifice price. W. A. Daniels, Dermott, Ark.
Registered Big Type Poland China sow, 21 months old, weight 400 lbs.; also four two months old gilts, weight 100 lbs. Will trade for new Victrola and records. Worlie Johnson, R1, Des Arc, Ark.
Spotted Poland China pigs of the best breeding, three and one-half months old, weight 125 lbs, subject to registration. N. E. Towns, Huttig, Ark.
I can save you money on highbred hogs. Can supply most anything in the Duroc line. If you want to buy now or this fall, get in touch with me at once. C. L. Mock, Spring Valley Farm, Ingram, Ark.

Seeds and Plants for Sale

Mung beans, 25 cents per lb., postpaid. J. S. Scoles, Box 116, Williford, Ark.
Irish Gray and Watson Melon seed of prime grade, 35 cents per lb., postpaid in any quantity. Booton & Lee, Marshallville, Ga.
Twelve everblooming roses, \$1.50; six evergreen shrubs, 50 cents; single red camelia Japonicas 8 to 12 in., \$1 each, two and one-half feet \$6, shell pink 10 to 15 in., \$1.75, two and one-half ft. at \$7.50 each. Privet hedge, small size \$4 per 100, \$35 per 1,000. Cabbage plants, 40c per 100, \$2.50 per 1,000. Shallot onion plants, 40c per 100, \$2.50 per 1,000; celery, 15c per

dozen, \$1.10 per 100. Ivan L. Butler, Lecompte, La.

Ninety day or Early Running Velvet beans, \$1.25 per bushel. Oceola Velvet beans, \$1.75 per bushel. Each put up in even weight two and one-half bushel sacks, f. o. b. Wrightsville, Ga. Johnson County Livestock and Produce Co., Wrightsville, Ga.

Crabs Claw Cactus or (Christmas Cactus,) rosy scarlet flowers for January, well rooted, 30 cents each, postpaid. Mrs. John Rushing, Okolona, Ark.

Poultry and Eggs for Sale

A few purebred White Orpington cockerels weighing from one and one-half to two pounds each, to exchange for some of the same breed. Glendale Powell, R4, Piggott, Ark.

Purebred Buff Orpington ducks, all ages; state champion layers; write for prices. Also fancy hatching eggs. Worlie Johnson, R1, Des Arc, Ark.

Thirty-seven purebred S. C. White Leghorn hens, \$25 if taken at once, or will exchange for a pair of purebred registered pigs. Spotted Polands or Hampshires preferred. Mrs. T. E. Batchelor, R1, Box 52, Dumas, Ark.

Fifty Ferris White Leghorn hens and five cockerels at \$1 each, purchaser to furnish coops. W. F. Nance, Ravenden, Ark.

Leading Anconas in present national egg laying contest; hens \$1 each, cockerels 75c up. Mrs. Avery Allen, Macon, Mo.

Two settings of Pekin Duck eggs for two settings of Indian Runner duck eggs. M. S. Cravens, Goshen, Ark.

A few choice R. C. and S. C. Rhode Island Red cockerels, \$1.50 each. Mason Landers, Patrick, Ark.

Three S. C. Brown Leghorn cockerels, one year old, \$2.50 each. Mrs. John Bardwell, Box 134, Rosboro, Ark.
S. C. English Barron Strain White Leghorn cockerels, eight weeks old, \$1.50 postpaid, delivery guaranteed. O. L. Duke, R2, Arkadelphia, Ark.

Hatching eggs from Dark Cornish chickens, Partridge Rock chickens, and Buff Orpington ducks; will sell at half price. Also some fowls for sale. Write for circular. Fred Sieglinger, R1, Stillwater, Okla.

Miscellaneous for Sale

One pair hounds, ten months old, guaranteed to hunt, price \$35. Alfred White, Belleville, Ark.

Hand picked, cleaned, shelled popcorn, ten pounds for \$1. Edgar A. Stark, R1, Shiloh, Ark.

One of the best flour, meal and feed mills in Northwest Arkansas, will sell or trade for 50 per cent of original cost, write for description. M. S. Cravens, Goshen, Ark.

Complete broom factory outfit, in good condition. A. J. Dafford, Box 136, Amity, Ark.

Two hound dog puppies, eight months old, \$15. Three Walker pups, ready to wean, \$5 each. Joe Joiner, Magnolia, Ark.

One eighteen horse power J. I. Case steam engine, and 12 in., International feed crusher in A-1 condition. W. E. Bennett, Aurelle, Ark.

Female hound dog, well trained for hunting rabbits and squirrels; partly trained for coons and opossum, price \$10 or will consider a trade. J. W. Elkins, R1, Box 21, Austin, Ark.

Fordson tractor, in good mechanical condition; will sell cheap or exchange for 1923 model Ford touring car or roadster. H. A. Keller, Judsonia, Ark.
Belle City Incubator, 140 egg capacity, hatches well. W. T. Jones R3, Rector, Ark.

"I wish to trade a 30-30 Savage high power six-shot Winchester for a good Underwood typewriter or Winchester automatic shot gun. I also wish to sell a Champion mowing machine,

rake and Oliver 25 riding cultivator, will sell cheap." G. H. Blount, Palestine, Ark.

Fordson tractor, equipped with belt pulley and 7-foot disc harrow to trade for Ford car. H. A. Keller, Judsonia, Ark.

Wanted

One male sheep, Shropshire or Hampshire preferred, must be good wool and mutton sheep. Sam Martin, R4, Greenwood, Ark.

Registered Guernsey bull yearling. Julius and Henry Bosinger, R1, Hackett, Ark.

Purebred collie. Samuel J. Barber, Havana, Ark.

Will furnish everything on 50-50 basis to family who will run a chicken farm in Hot Spring county near Malvern. Wylie E. Oldham, Mist, Ark.

A graduate or student of an agricultural school to take charge of my 120-acre farm in Stone county, can furnish some capital to operate. Write for further information. T. N. Widener, Rushing, Ark.

First, second and third Appleton school readers. Mrs. D. A. Lambert, Amity, Ark.

To buy on easy terms or lease for five years a farm in a Baptist community; must have large house and family orchard; prefer Johnson county or adjoining counties. B. J. Bruce, R1, Box 25 B, Lone, Ark.

A farm of 60, 80 or more acres part in cultivation, well drained, with improvements, on good auto road or near town. Give full description in first letter; also lowest first payment, and terms. John J. Glass, Laredo, Mont.

Happenings of Interest to Arkansas Farmers

One hundred and fifty acres of blackberries will be planted in the vicinity of Mulberry this year. Early

Harvest and McDonald varieties were chosen.

The tenth egg-laying contest will begin at the College of Agriculture, Fayetteville, in November, 1923, and continue for one year. Entries should be made through the poultry department.

"Agricultural Arkansas" is the title of a 308-page book just issued by Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock. It is a convenient handbook for the farmer, containing a great deal of information that folks in the country want to know. A copy will be sent to the head of each household who requests one.

The July 2 estimate of the condition of the cotton crop shows a condition of 66 per cent for Arkansas, as compared with a condition of 80 per cent on the same date last year. The acreage is estimated at 3,025,000. The forecast is for 939,000 bales in Arkansas.

The Arkansas State Fair will be held at Little Rock, October 8-13, probably on the same grounds as last year.

George C. Branner, the new state geologist, opened his office at the state capitol on July 2. He is a son of John C. Branner, former state geologist and author of the famous Branner reports.

The State Textbook Commission recently awarded contracts for the school books to be used by children in the public schools of Arkansas. In most cases there will be very large increases in the cost of these books, and injunction proceedings have been brought by Dr. George L. Sands, of the Farmers' Union, and others to annul the contracts.

After threshing out the federal aid question at a road conference in Little Rock, a sub-committee was appointed to draw up a bill which it is expected will provide the required funds by raising the gasoline and automobile taxes and reapportioning this revenue.

Homeseekers Who Want to Buy Arkansas Farms

"Kindly send me any pamphlet you may have concerning Saline county, Arkansas, I am especially interested in this section." M. G. Agnew, Box 972, Fredericton N. B. Canada.

L. P. Gray, 2208 E. 31st St., Kansas City, Mo., requests information concerning State land for sale in Arkansas, its price, terms and location.

H. B. Chisum, Danville, Ark.; would like to exchange his 60-acre farm in Ozark county, Mo., for a pasture or stock farm near a good railroad town in Boone, Newton, Madison or Franklin county.

John E. Johnson, R1, Millcreek, Ind., is interested in homestead land in Arkansas and requests information concerning same.

W. W. Smiley, Horton, Kans., requests information concerning homestead lands in Arkansas.

W. O. Stevens, Gilman City, Mo., R2, Box 74, is interested in Arkansas and asks for literature.

C. J. Cooper, Sago, Colo., wishes to trade 320 acres of land in Southwestern Colorado for land in Arkansas.

Clyde Lynch, 317 South Carbon, Girard, Kans., wishes to homestead land in the Ozarks of Arkansas and expects to visit this section soon.

Merle Smith, Warsaw, Mo., is thinking of making his home in Arkansas and requests our State literature.

M. F. McIntosh, 255 Regent St., Fredericton, N. B. Canada, is interested in Arkansas and requests all information possible.

H. Peter Johnson, Jamestown, Kans., wishes to buy an 80-acre farm in Arkansas where corn and oats can be grown and cattle and hogs raised.

C. D. Loehr, 733 Alpine St., Los Angeles, Cal., would like to get in touch with owners or agents having

for sale large tracts of timber land North of Little Rock, and West of the Black and White rivers.

F. M. Holland, Box 415, Horton, Kans., wishes to locate in Arkansas and would like to buy an improved 50-acre farm in the northwest part of the State.

H. L. Harrison, 3907 Central St., Kansas City, Mo., asks for literature on Arkansas.

A. N. Thomas, Box 26, Jump River, Wis., wishes to locate in Arkansas and is especially interested in the country near Rogers, where fruit and poultry can be raised successfully.

Louis W. O'Connell, 4432 Drexel Blvd., Chicago, Ill., would like to buy a small farm in the Ozarks of Arkansas.

Mrs. Warren Hoover, R1, Brookville, Ohio, requests information concerning the public school system, certification of teachers and climate; also government land in the Ozarks of Arkansas. She would like to communicate with a former resident of Ohio now living in Arkansas.

Mrs. Lulu Ingraham, La Porte, Tex., wishes to locate in Arkansas and wants to buy a small Fruit, Poultry, Dairy farm near a small stream where fish can be had.

John J. Glass, Laredo, Mont., requests information concerning the country around Paris, Ark.

Fred Laughlin, Hume, Mo., is coming to Arkansas soon in search of from two to five thousand acres of cut-over land. He wants something that will make a real corn or cotton plantation.

Will trade some valuable farm property for a good hotel in good business town. C. W. Schriener, West Fork, Ark.

ARK

ARKANSAS FARM AND MARKETING BULLETIN

Entered as Second Class Matter April 27, 1918, at the Post office at Little Rock, Ark., under the Act of June 6, 1900.

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

Vol. 5, No. 8 LITTLE ROCK, ARKANSAS August, 1923

Court Again Decides in Jim Ferguson's Favor; Tucker is Ordered to Release Funds for the Farmer's Department

Further Delay May Be Gained By State Auditor Taking Appeal to Supreme Court.

UNDER a decree handed down on August 18 by Judge R. M. Mann of the Pulaski County Circuit Court, State Auditor Tucker was ordered to release the funds of the Department of Mines, Manufactures and Agriculture, which have been held up since July 1 by the refusal of the Auditor to honor the vouchers issued by Commissioner Jim G. Ferguson against appropriations made by the 1923 Legislature. This is the second defeat for the State Auditor in the courts of the state. Chancellor J. E. Martineau of the Pulaski County Chancery Court having previously decided that the Senate could not destroy by a viva voce vote of its members the record of an act that had passed both houses of the Legislature, been signed by the Governor and filed with the Secretary of State.

In a statement to the press, given out after the publication of Judge Mann's decision, Auditor Tucker leaves the impression that he will evade the order of Judge Mann by taking an appeal to the Supreme Court, which will not reconvene until after its summer recess—some time in September. There is not the least expectation that the higher court will do anything other than uphold the decisions of the lower Courts, but the State Auditor in taking an appeal will cause delay in the release of the department's funds and that is all the enemies of the farmer's department expect or hope to do in this litigation.

James Guy Tucker's close political affiliation with Herbert R. Wilson and his well-known enmity to the policies of Governor Thomas C. McRae and opposition to Secretary of State Ira C. Hopper, furnishes good reasons for his opposition to Jim G. Ferguson who has stood with the farmers of the state against Wilson and his highway gang and with Governor McRae and Secretary of State Hopper in their honest administration of official duties.

Tucker knows that the people do not approve of this unfair attack upon an established and necessary department of the state government and he is attempting to square himself under the pretense that his bondsmen have insisted upon his holding up the department's funds until the highest court has passed upon the absurd question of whether

WHO SAYS FARMERS' DEPARTMENT SHOULD HAVE ITS APPROPRIATIONS?

Both Houses of the Arkansas Legislature as evidenced by Act No. 344.

Governor McRae, who approved the Act.

Attorney-General Utley.

Judge J. E. Martineau, in decision refusing to permit record of bill's passage to be expunged.

Judge R. M. Mann in decision upholding validity of Commissioner Ferguson's voucher.

State Treasurer Joe Ferguson, who says he will cash warrants if Auditor will issue them.

WHO SAYS FARMERS' DEPARTMENT SHOULD NOT HAVE APPROPRIATIONS?

Only one person of authority in the whole State of Arkansas—James Guy Tucker. Why does Tucker withhold these funds? Because he is the political friend of Herbert R. Wilson, State Highway Commissioner, and the political enemy of Governor Thos. C. McRae, Ira C. Hopper and Jim G. Ferguson.

Tucker pleads that his bondsmen are making him take this action, but the law does not hold the bondsmen responsible for funds paid out under an appropriation act though that act may be declared invalid. The whole responsibility is on Tucker and no other.

er a law passed by two houses and approved by the Governor can be repealed by an aye and nay vote of only one house. He cannot shift the responsibility, however, for the law does not hold the bondsmen liable in a case of this kind.

Judge Mann's decision, which overrules every point raised by Tucker and his attorneys, is given in full as follows:

"The commissioner of mines, manufactures and agriculture presented a voucher to the auditor of state for \$15 for funds with which to purchase postage stamps for office expenses. The auditor refused to accept the voucher as drawn or to issue a warrant. The commissioner filed this suit to compel its issuance.

"It is the contention of the auditor that Act No. 344 of the General Assembly of the state, by which appropriations are made for the maintenance of the feed inspection bureau, the fertilizer inspection bureau, the warehouse and marketing bureau, and the bureau of crop estimates and immigration is unconstitutional, being violative of section 30 of article 5 of the constitution, in which it is provided that all appropriations shall be made by separate bills each embracing

but one subject. The contention is that the warehouse and marketing bureau created by the act of the General Assembly is separate from the feed inspection bureau, the fertilizer bureau and the bureau of crop estimates and immigration—separate because in the administration of this bureau the board as constituted consists of the commissioner, the governor and the secretary of state. It is clear that all of these bureaus pertain to the one subject—agriculture—relating to the cultivation, fertilization, housing and marketing and estimating. The executive officer of each board is the commissioner of mines, manufactures and agriculture. The mere fact that the governor and secretary of state are members of the board does not necessarily separate these bureaus from the others in the sense of this constitutional provision. One subject only—agriculture—is embraced in act No. 344 and for this reason the act is not unconstitutional. In any event an act of the General Assembly—a co-ordinate branch of the state government—should not be declared invalid by a court unless it is clearly violative of some provision of the constitution.

Every Authority in the State Opposes Stand Taken By Auditor.

"It is also claimed that a suit has been filed in the Pulaski Chancery Court attacking the validity of Act No. 344 and that the auditor of state has the discretion to withhold payments appropriated by this act until this case from the chancery court has been decided by the Supreme Court. This contention does not appear available in this case, because the appeal may never be perfected, and it would not be proper in a case in this court to await the ultimate decision of litigation in other courts between different parties and involving different questions.

"It is also contended by the auditor that the date of purchase of the stamps does not appear in the voucher in the blank form for this purpose. The voucher itself is dated and in the absence of a separate date of purchase the date of the voucher would be presumed to be the date of purchase. Besides, there does not appear in the letter of instructions from the comptroller that the supplying of the date of purchase in the form voucher as prepared by the comptroller is essential to its validity.

"It is finally contended that the relief should not be granted because the voucher is drawn for funds with which to purchase stamps in future, rather than the payment of an obligation already incurred. Postage stamps are essential to the operation of the office of the commissioner of mines, manufactures and agriculture; he is not possessed of any state funds with which to purchase them; he is not presumed nor required to advance his personal funds for this purpose. Therefore, his only means of acquiring postage stamps is by presenting a voucher to the auditor and securing funds thereon with which to purchase postage stamps. In any event, the proof shows that this has been the customary method of purchasing postage stamps in the various departments of the state.

"In view of these considerations, it is the opinion of this court that a writ of mandamus should issue requiring the auditor of the state of Arkansas to honor the voucher involved in this case, as presented by the commissioner of mines, manufactures and agriculture, and issue to the commissioner of mines, manufactures and agriculture his warrant to be presented to the state treasurer."

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.

3

Half An Apple Crop Best the Country Does On Average.

The variability of apple production is great. The 25-year average apple crop is 53.4 per cent of a full or normal crop in the prominent producing states. When the public hears of an apple crop of 53.4 per cent of a full crop, it expects few apples to eat, whereas in fact the crop is an average one. In a long period of time the apple producer may expect to get about half a full crop, but in any particular year the crop may be better than three-quarters or less than one-third of a full crop. Weather and insects greatly reduce the potentialities of this crop and, as may be expected, make the realization highly variable. The record of 25 years, presented in the accompanying table, shows that in Arkansas as low as 2 per cent of a full crop was realized in 1921 and as high as 85 per cent in 1919, and that the average for the period was 50.3 per cent, to about half a crop.

The production of apples in Arkansas compared with a full crop from 1898 to 1922 is reported by the United States Department of Agriculture as follows: 1898, 42 per cent; 1899, 38 per cent; 1900, 42 per cent; 1901, 49 per cent; 1902, 60 per cent; 1903, 37 per cent; 1904, 61 per cent; 1905, 50 per cent; 1906, 66 per cent; 1907, 55 per cent; 1908, 25 per cent; 1909, 35 per cent; 1910, 42 per cent; 1911, 45 per cent; 1912, 75 per cent; 1913, 59 per cent; 1914, 72 per cent; 1915, 50 per cent; 1916, 43 per cent; 1917, 78 per cent; 1918, 43 per cent; 1919, 85 per cent; 1920, 63 per cent; 1921, 2 per cent; 1922, 40 per cent.

Arkansas Leads in Number of Cotton Gin Fires.

Apparently Arkansas, North Carolina, Oklahoma, Texas and Georgia suffer the greatest losses through the burning of cotton gins. Investigational, experimental and educational work have been carried on by the

Department of Agriculture, State institutions, insurance companies and underwriters, but preventive measures have not yet been adopted to a large extent and losses are frequent.

The number of fires in cotton gins may be greatly reduced by proper wiring of the machinery to carry off static electricity, according to Circular 271, Grounding Cotton Gins to Prevent Fires, recently issued by the United States Department of Agriculture. This circular, by Harry E. Roethe, Associate Development Engineer, Bureau of Chemistry, describes the method of wiring for grounding the machinery and contains a detailed diagram showing the system in a typical modern gin.

The importance of such precautions against fires is emphasized by the department's statement that gin fires annually cause losses amounting to practically one and one-fourth million dollars. There is a widespread belief that most of the fires are caused by the presence of matches in the cotton, but a study of the problem has shown that this is not the most important cause.

Market For Choice Capons.

P. N. Pickens of Pangburn, Ark., asks for the names of capon buyers in Little Rock and other nearby cities. In Little Rock the Hotel Marion, in Memphis the Chisca and in Hot Springs the Majestic hotels carry capons on their menu cards. Judging from the prices charged the consumer the capons should bring a much better price than that paid for other chickens.

Arkansas Has New Champion Jersey.

Mrs. G. Nellette Clouston of Rogers, Ark., is the owner of Oxford's Baronet's Emma 495136, which cow has qualified as the champion yearling butter-fat producer of the state. This cow started test at one year, 11 months of age and in 365 days produced 6,695 pounds of milk and 352.99 pounds of butter-fat, superseding a stablemate, Oxford Lass'

Jap Maid 422487, which held the record with 311.14 pounds.

She was sired by Oxford Majesty's Baronet 163390, a son of the great bull. Imported Oxford Majesty 134090, and was out of Eminent Beauty of C. G. 392961, according to a statement issued by the American Jersey Cattle Club.

Less Rice Was Planted in Arkansas This Year.

The state federal crop report issued on July 10th, has the following to say with reference to the rice crop:

"Acreage seeded this year is about 86 per cent of that sowed a year ago. Flooded conditions of the ground and inability on the part of some of the growers to properly finance their crops have caused this decrease. The estimated acreage is 134,000 and the condition of 79 per cent indicates a yield of about 41 bushels per acre or a total production of 5,494,000 bushels. A feature to be noted in this year's planting is the relative decrease of the Blue Rose variety and increase in storm-proof and similar varieties."

State Fair at Little Rock October 8 to 13

Secretary E. G. Bylander, of the Arkansas State Fair Association, is mailing out the 1923 premium list and catalogue for the annual State fair to be held in Little Rock on October 8 to 13—five big days beginning Monday and ending Saturday.

It is expected that from 30 to 40 counties will have exhibits at the fair this year. Among the new features will be a cotton palace, erected

with bales of cotton, in which will be educational exhibits featuring modern methods of cotton production. There will also be a rice temple, built of rice in the straw, oriental fashion, in which will be exhibited this great cereal and its many by-products.

Arrangements are under way for the leasing by the Fair Association of a part of the New City Park in the western part of Little Rock as a permanent fair site. If this plan is not completed in time to rebuild the necessary buildings the fair this year probably will be held on the grounds adjacent to the Deaf School, where it has been held the last two years.

The railroads of the State have granted a special rate of one and one-third fare for the round trip from all points within the State and all exhibits sent to the fair will be returned free of charge.

For a copy of the premium list, which contains a full program, rules and catalogue of prizes, write to E. G. Bylander, Secretary, Arkansas State Fair Association, Little Rock, Ark.

Complete Farm in Yell County.

This farm contains 108 acres and is located five miles southwest of Dardanelle, county seat of Yell county; 80 acres in cultivation, 10 in pasture, balance in timber; some creek bottom land; 400 peach trees, six cross fences, one 6-room bungalow with bath, lights and running water; one 5-room tenant house, sweet potato curing house, 6,000 bushels capacity; two barns and other outbuildings; a convenient and healthy location and the best improved farm in the country. Price \$6,500, \$3,000 cash, balance on four years' time at 6 per cent. W. H. Barry, R. F. D., Dardanelle, Ark.

FARMS FOR SALE

Upland Farm—Eighty acres; will sell at less than cost of improvement, terms on part, and will consider a good car as part payment. Mrs. Leslie Sadler, R1, Belleville, Ark.

Quiet Country Home—Forty acres on main highway, 23 miles from Hot Springs National Park; an ideal place for one desiring quietude from rest; good improvements and conveniently located. Price \$6,000, terms if desired, would consider grazing land for sheep as part payment. H. E. E., Box 121, R3, Malvern, Ark.

Unimproved Land—Eighty acres underlaid with five feet of coal and natural gas, also oil prospects, will sell reasonable. J. F. Wood, Omaha, Ark.

Stock and Poultry Farm—Thirty acres of good upland, one-half mile from White river, 20 acres in cultivation, 10 in pasture and timber, 15 apple trees on place, ideal for stock and poultry. Price \$1,500. H. F. Wood, Lock Box 63, Flippin, Ark.

Marion County Farm—Forty acres, 30 in cultivation, 7 acres in pasture, 3 in timber, 100 peach trees on

place; three-room house and cistern, this is good land suitable for general farming. Price \$2,500. H. F. Wood, Flippin, Ark.

Poultry, Truck and Dairy Farm—Nine acres just outside the city limits of Mt. Ida, county seat of Montgomery county; five-room house and outbuildings on place, will sell at a bargain price. E. Abbe, Mt. Ida, Ark.

Twenty-Acre Farm—Conveniently located one mile from town and school, good roads modern conveniences; land is adapted to fruit, berries and market produce in general. Price \$1,000. F. E. Wright, Gillham, Ark.

For Sale or Exchange—Will trade equity of \$2,300 in 200-acre place in Baxter county for merchandise; it is located in healthy climate, near good schools and river, pine and oak timber on place. Price \$2,800, will give 10 per cent discount to cash buyer. Herman Stone, Mountain Home, Ark.

Fruit and Stock Farm—160 acres of upland, 100 acres in cultivation, four-room house and outbuildings, is a convenient and healthful loca-

tion overlooking the beautiful six-mile valley near Booneville. Will W. Robertson, R4, Booneville, Ark.

Fruit, Grain and Stock Farm—293 acres of bottom and second bottom land, good buildings, near school. Price \$32 per acre. M. E. Ingram, Spring Valley, Ark.

Newton County Farm—Sixty acres of fine black soil adapted to red clover or alfalfa, 22 acres in cultivation, white oak timber has been cut off the rest of it, this is a fine place for stock and poultry, good free range, conveniently located and well improved. Jesse M. Case, Falls-ville, Ark.

Madison County Farm—Seventy-three acres, 35 in cultivation, balance in pasture and timber, 75 fruit trees, one-half mile to Boston, near school and church, four-room house and out-buildings, splendid stock and poultry farm. Price \$800. S. A. Crail, Boston, Ark.

Improved Fulton County Farm—Eighty acres, 60 under fence, 35 in cultivation, some pasture, conveniently located, will sell for less than cost of improvements. A. L. Allen, Box 35, Camp, Ark.

Stock and Poultry Farm—163 acres, one mile to highway, school, church and postoffice; good spring water, will sell cheap on terms. Benton Smith, Dutch Mills, Ark.

Izard County Farm—150 acres, 75 in cultivation, limestone soil with clay subsoil, nine acres of alfalfa, two-room house and two small barns. Would trade for a well improved 40 or 60-acre farm. Price \$3,000. D. T. Hinson, Myron, Ark.

Yell County Farm—Ninety-nine acres, 11 acres in creek-bottom land, 1,200 Elberta peach trees, 7 years old, sold \$1,000 worth off of them last year; conveniently located, four and one-half miles from Dardanelle, two houses and good out-buildings. A bargain price for quick sale, terms; \$1,000 down and two annual payments of \$1,100 each. Geo. M. Dodd, Dardanelle, Ark.

Forty-Acre Farm—Ideal farm for fruit and poultry, 20 acres in cultivation, 6 in clover and grass, small house and garden. Price \$500, terms on part. W. C. London, Everton, Ark.

Farm in Fruit Belt—Fifteen acres in Gentry, Ark., five acres in apples, two in grapes, one in strawberries, some cherries, plums and peaches; nine-room house, small barn and poultry house, located in fine oak grove, soil free from rocks. A. C. Gillis, Gentry, Ark.

Clark County Farm—Forty acres, 10 in cultivation, balance in timber land, but can be easily cultivated, three-room house and everlasting spring, ideal place for poultry and dairy farm. Will take \$500 if taken soon, or will include wagon, stock and poultry for \$600; splendid location on the Arkadelphia and Amity pike. F. M. Garrett, Amity, Ark.

Eighty-Acre Farm—Rich, level land located in Cane Hill, Ark., five room house and out-buildings, 41 apple trees, some peaches, grapes, plums and cherries, near nine-months school. Robert Davis, Cane Hill, Ark.

Improved Farm in Johnson County

—Eighty acres, 18 acres cleared and fenced, 3 acres in apples, peaches, pears and plums, 62 acres in virgin timber; three-room house, barn and poultry house. Will give terms. B. E. Coats, R1, Altus, Ark.

Perry County Farm—Eighty acres, 23 in cultivation, 25 in creek bottom land, ideal for fruit and stock farm; located on pike road. Price \$1,250, terms \$500 cash, balance on 10 years time at 6 per cent interest. Floyd A. Camp, Thornburg, Ark.

Farm in Northwest Arkansas—163 acres in Madison County, the home of the big red apple; black gravelly loam soil adapted to general farming; four miles from Combs, Ark.; good house and out-buildings. Price \$1,200, terms if desired. N. F. Youngblood, Combs, Ark.

Benton County Farm—Eighty-six acres 12 miles from Rogers, 8 miles from Garfield, near postoffice, school and church; all in cultivation and fenced except 10 acres of timber, good timber. Price \$3,500. Truman Allred, Larue, Ark.

Large Tract of Land—410 acres of good hill land that will sell at \$8 per acre. Address correspondence to I. L. Talkington, Gumlog, Ark., or meet me at Russellville, Ark., and land can be shown to you there.

Fruit and Berry Farm—Eighty-nine acres in Sebastian county, 30 acres underlaid with coal, leased at \$600 per year; young orchard and berries on place, new 8-room house and out-buildings; good rich soil and a real home at a bargain price, \$8,000. Tip Gossett, Hackett, Ark.

Stone County Farm—120 acres level land, 35 acres fenced and in cultivation, balance in timber, all kinds of fruit; three-room house and out-buildings, two and one-half miles from town, near school. Price \$1,500, terms on part if desired. D. E. Coffin, Fox, Ark.

Stone County Land—285 acres and 200 head of grade Toggenburg milk goats, will trade for improved town property, barber shop or hotel in thriving town. T. J. Mitchell, Box 72, Arlberg, Ark.

For Sale—New frame building, 30x50; two lots, 50x140 each; five blocks out; city water in building; \$1,575 cash. Guy T. Williams, Box 82, Rogers, Ark.

For Sale or Rent—Four-room painted house on five acres of good land, ideal for poultry raising, near large spring, will sell cheap. Frank Robinson, Bellefonte, Ark.

Farm at Bargain Price—110 acres, 70 in cultivation, 10 in bermuda pasture, balance in wild pasture; three-room house and out-buildings, will sell cheap as am unable to handle. Mrs. C. A. Elliott, R3, Box 90, Green Forest, Ark.

For Exchange—Eighty-acre fruit and dairy farm, fully equipped with stock and implements; will trade for store building and stock of merchandise in any timbered country north of Fort Smith. Joshua Clem, R1, Decatur, Ark.

Improved Farm—282 acres, 180 in cultivation and grass, balance in pine and oak timber, part bottom land, three good houses and barns, conveniently located on Bankhead highway, three and one-half miles

from county seat. Wm. Buck, Haskell, Ark.

Ten-Acre Farm—Located eight miles from Pine Bluff; eight acres cleared and fenced, adapted to general farming and poultry, conveniently located in splendid neighborhood, oil prospects near. Must sell at once. C. P. Kanipe, R6, Box 117 C, Pine Bluff, Ark.

Cleburne County Farm—Eighty acres, 50 acres of creek bottom land, balance upland, 28 acres cleared, 35 acres fenced, three-room house and out-buildings, near school, church and postoffice. John Shaver, Ben, Ark.

Poultry and Dairy Farm—Twenty acres well improved, fully equipped for poultry and dairy business, buildings in excellent condition. Price \$5,000. Mrs. E. D. Wert, Siloam Springs, Ark.

Benton County Farm—Eighty-three acres, 65 in cultivation, 6 acres in apple orchard, 18 acres timber; three and one-fourth miles northwest of Springdale, four-room house and out-buildings, near school and church. A. W. Smith, R3, Box 127, Springdale, Ark.

Two Hundred-Acre Farm—Located in Madison County, one mile from railroad town, 30 acres in cultivation, 60 fenced, 25 acres to be cleared, plenty of fruit, one acre of strawberries; three-room house and out-buildings; will include one mule team, six head of fine cattle, 15 hogs, 42 Angora goats, 100 Leghorn chickens and crop for \$3,000. J. S. Faubus, Box 21, Combs, Ark.

Fruit and Berry Farm—Four and one-half miles from Rogers and one mile from Avoca, 40 acres, five cultivated, 25 to be cultivated and 30 in pasture, plenty of wood; lots of apples, peaches, grapes, cherries, blackberries and rhubarb. All is fenced, mineral and oil prospects. Price \$2,000, terms on part. Will G. Davis, R5, Box 75, Rogers, Ark.

Benton County Farm—Eighty acres, well improved and conveniently located. For further information write, R. L. Garrett, R3, Box 1, Garfield, Ark.

Farm in the Ozarks—272 acres, 100 in cultivation, 100 acres in timber, some fruit, two houses and out-buildings; will include crop and farm implements for \$4,000 with easy terms, or \$3,000 with one-half cash, balance at 5 1-2 per cent interest. R. L. Ball, Star Route, Franklin, Ark.

For Trade—Store building in Fayetteville, Ill., near St. Louis, clear value \$2,000, to trade for a small farm or town property in northwest Arkansas. L. W. Garrett, Toneyville, Mo.

For Sale or Trade—One hundred acres of good zinc and farming land in the Ozarks. Will sell or exchange for general merchandise. Wilson Angel, Everton, Ark.

Tract in Newton County—Eighteen acres, 10 acres cleared, young orchard, land is suitable for truck and general farming. Conveniently located in a thickly populated neighborhood on highway now being built. H. D. Griffith, Salus, Ark.

Stock and Grain Farm—464 acres located west of Judsonia, 200 acres

in cultivation and balance in timber; good pasture and 25-acre meadow; six-room house and out-buildings, three tenant houses; 12 acres of strawberries and other fruit. Reasonably priced with easy terms. Anton Keller, R2, Box 78, Judsonia, Ark.

Marion County Farm—157 acres of sandy loam soil, near Yellville, 95 acres in cultivation, 125 acres tillable, 40 in pasture, 55 in timber, several fruit trees; four-room house and out-buildings. Price \$3,500. Mason Morrow, Ralph, Ark.

Two Hundred-Acre Farm—Fifty acres in cultivation, orchard for family use, three-room house and out-buildings, one and one-half mile to school and one mile to store. Price \$1,500. J. R. Ferguson, Flag, Ark.

Two Desirable Farms—(1) 160 acres in cultivation, all fenced, located five miles to railroad station and high school, daily mail. My \$2,400 equity in this farm for a good car, purchaser can assume balance to suit his convenience. (2) 100 acres well improved, 85 acres in cultivation, all fenced, located on public road with daily mail, convenient to town, school and churches, new 7-room house, 4-room tenant house and out-buildings. Price \$40 per acre, terms. G. H. Blount, Palestine, Ark.

Eighty-Acre Tract—Will include with this tract of land, eight jersey cows, one three-year-old horse, one cream separator, one one-ton truck, price \$4,500. D. A. Broadston, R2, Decatur, Ark.

Sharp County Farm—Fifty-eight acres, 23 in cultivation, 10 acres creek-bottom land, five-room house, near school and store. A real bargain at \$1,500; cash \$300, balance on terms. Grover Sanders, Sitka, Ark.

Fruit and Poultry Farm—Ten acres of land, grapes, strawberries, corn and timber on place, all fenced, no buildings. Located on public road, two miles to railroad station. Would consider a trade with terms on balance. W. E. Polk, Avoca, Ark.

Polk County Farm—160 acres, 14 acres in cultivation, some fruit; five-room house and out-buildings, convenient to school, church and railroad station. Price \$7.50 per acre. L. D. Downs, Rich Mountain, Ark.

Fruit and Berry Farm—120 acres, 24 in cultivation, all kinds of fruit and berries on place, located one and one-half miles east of Elba; will include poultry, team, wagon, tools, household goods and crops. Will sell to first person making reasonable cash offer. Al M. Suchanek, Elba, Ark.

Tract in Izard County—Ten dollars monthly will buy 82 acres of limestone soil, partly improved, near Strawberry river. C. L. Holland, Rumley, Ark.

Farm on Jefferson Highway—Forty acres all tillable land, 7 acres in cultivation; two-room house, fine spring; ideal location for fruit, vegetable and poultry farm, 8 miles from Shirley. Price \$500, one-half cash, balance on two years time at 8 per cent interest. John Y. Price, Box 237, Albuquerque, N. M.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock for Sale

CATTLE

One yearling and two bull Holstein calves; extra well bred and nicely marked; will register and transfer. F. J. S. Miely, R5, Gentry, Ark.

Herd of shorthorn cattle. Tom Fletcher, Scotts, Ark.

Two Roan Durham bulls, one three years old, the other five months old, registered; will sell reasonable. B. W. Roberts, R4, Harrison, Ark.

Six registered shorthorns, two cows, two calves, one yearling heifer, four-year-old bull. Truman Allred, Larue, Ark.

One registered Jersey bull. Hubert P. Finger, Fayetteville, Ark.

HOGS

One registered Duroc Jersey boar, 18 months old, price \$25. F. O. B. Rogers. Two sows and pigs also for sale. Truman Allred, Larue, Ark.

Registered Duroc Jersey pigs, either sex, are in fine condition and cholera immune, papers in purchaser's name. J. B. Yeager, R4, Siloam Springs, Ark.

Big bone Poland China pigs, two months old, pedigree furnished, price \$7 each. F. O. B. Prairie Grove, Ark. Three big bone gilts ready for breeding, price \$18 each, crated and loaded. These are first class pigs. John G. Whitaker, Prairie Grove, Ark.

Big bone Spotted Poland China pigs, just weaned, either sex, \$10 each, can furnish papers. Frank Reed, Turkey, Ark.

Big type Poland China boar of the Pea Ridge Consolidated High School Pig Club, price \$75, or would exchange for boar of equal value. F. O. B. at Rogers or Avoca, Ark. Fred Moran, Pea Ridge, Ark.

Registered Tamworth sow pigs. 5 months old, double cholera immune, first class breeding stock, \$14 and \$15. Send for circular. Hubert P. Finger, Fayetteville, Ark.

JACKS

One Mammoth Jack, 15 hands high, 8 year old, black with white points, good ears and big bone. One black Spanish Jack, 14 1/2 hands high, both are first class jacks. Will trade either or both of them for property of equal value or will sell for cash. D. S. Hendershot, Malvern, Ark.

GOATS

Registered Angora bucks. W. H. Relethford, Garfield, Ark.

One Swiss Saanen Toggenburg doe, 2 years old, can be registered; yearling Swiss Toggenburg does, registered, \$25. Will be bred to full-blood Toggenburg buck if desired. Goatry, Batesville, Ark.

Plants for Sale

Yellow or white jonquil bulbs, 15 cents each, postpaid, send today. S. M. Friend, Bonnerdale, Ark.

150,000 grape vines for sale for fall delivery, best varieties known, one and two years old, reasonable prices. send for price list. F. X. Baner, Scranton, Ark.

Poultry and Eggs for Sale

Leading Anconas in present national egg-laying contest, cockerels, 75c up, hens over two years, \$1. Younger layers not suitable for breeding, \$1. Eggs, \$5. Mrs. Avery Allen, Macon, Mo.

S. C. White Orpington hens; buff ducks, \$2 each, good breeding stock, W. S. and L. Alley, Box 82, Forrest City, Ark.

S. C. Brown and White Leghorn roosters, May hatched, \$1 each, or will exchange for brown Leghorn pullets. M. Lucas, Box 27, Heber Springs, Ark.

Fifty or sixty one and two-year-old Ancona hens, nice stock and good layers, \$1 each. Mrs. A. G. Boyle, Centerton, Ark.

Mature standard bred Rhode Island Red cockerels from heavy laying strain at \$2.50 each. April hatched cockerels at \$1.50 each, young hens \$1 each. Mrs. I. E. Etting, Box 66, Wareagle, Ark.

Thirty large white Pekin ducks and drakes, purebred, April hatched, 75c to \$1 each. J. L. Carman, R1, Box 52, Blevins, Ark.

Choice S. C. White Leghorn cockerels, 10 weeks old, Ferris 265 egg strain, \$3 each. S. A. Mossman, R2, Gravette, Ark.

Miscellaneous—For Sale

Truck attachment, good solid rubber tires, demountable rims, one and one-half ton capacity, in good condition, priced for quick sale, \$65, or will furnish 1917 Ford with complete outfit for \$125, some terms. C. E. Williams, Fox, Ark.

English Shepherd pups, females \$2, males \$4 each. F. O. B. Greenway, Dennis Welling, R1, Greenway, Ark.

Three female Shepherd pups, easy to train, \$5 each. H. T. Spencer, Camp, Ark.

Six horse-power gasoline engine, one 10-inch Papac silo filler, one 6-inch seed grinder, one 28-inch wood saw, one corn sheller. All in good condition. Will sell for less than half price. D. L. Gilbert, Millville, Ark.

An old-fashioned black and tan hound pup, \$10 or trade. W. A. Engelmann, Siloam Springs, Ark.

One \$150 organ in quartered oak piano case, used four years, in excellent condition, \$75; or will exchange for good two-seated spring wagon with top and curtains. Flemish Giant rabbits, 7 weeks old, \$3 per

pair. Blue porcelain oil heater, table lamp, \$3 each or the two for \$5. Mrs. Linda Johnson, Wayton, Ark.

Fox terrier pups, purebred, snow-white and white with black spot on head. Females \$3 each; males \$5 each. Mrs. M. Donaldson, R. F. D. No. 6, Paragould, Ark.

Power band saw, for sale or exchange. W. H. Relethford, Garfield, Ark.

Pure-bred Airedale-Terrier pups and dogs, price reasonable; or would consider a trade for small gas engine, pure-bred sheep or hogs. F. W. Arnold, Box 336, Berryville, Ark.

One hundred thousand pine shingles, hearts \$5 per thousand, log run \$2.50, and saps \$2 per thousand, cut shingles, guaranteed quality. S. O. Liles, Drasco, Ark.

Guaranteed tree dogs, open and silent trailers, fox, mole and rabbit dogs. F. I. Parker, Japton, Ark.

New Zealand Red rabbits, young or old stock, price right. Claude C. Brogden, Evansville, Ark.

Wanted.

Two Ford cars, will trade or pay cash, give price and description in first letter. George W. Reves, Murillo, Ark.

A position as housekeeper for some farmer or would accept position as overseer of farm work. I am 45 years of age, three in family,

can keep books. I am crippled and cannot do heavy work. R. M. Sanders, R3, Box 15, Piggott, Ark.

A partner to help develop a sheep and goat ranch, plenty of land, buildings and lumber, a money-maker. Claude C. Brogden, Evansville, Ark.

Shropshire Ram, will trade something of equal value for same. Hubert Finger, Fayetteville, Ark.

Toggenburg or Saanen milk goat. C. A. Schurg, Oark, Ark.

MORE FARMS FOR SALE

(Concluded from Page 3.)

Farm in Southwest Arkansas—120 acres, one and one-half mile from Cossatot river, 60 acres in cultivation, balance in timber, 90 acres fenced, land will produce anything found in the South, home orchard; located near hunting grounds and swimming pool; will include crop and farming implements if sold at once. Price \$1,200, terms on balance. J. E. Hogan, R1, Gillham, Ark.

Washington County Mountain Farm—Sixty acres of rich land in a healthful and convenient location, 25 acres cleared, apple orchard and some other fruit, three-room house and out-buildings, 10 acres in meadow, timothy and clover, plenty of timber. Price \$2,000. J. N. Erwin, R1, Box 36, Elkins, Ark.

Homeseekers Who Want to Buy Arkansas Farms

"I am seeking a location in the agricultural sections of Arkansas and want to buy a place there, please send all information possible." George E. Stokes, Box 452, Evanston, Ill.

"Please give me such information as you can as I want to buy a small farm in Arkansas, will pay cash for same." Geo. Raymond, 152 N. State St., Chicago, Ill.

R. P. McDaniel, Baconton, Ga., is interested in government land in Arkansas and requests information as to how it may be obtained.

G. E. Dean, 1189 Lewis St. Chehalis, Wash., requests literature in regard to general farming and the growing of fruit and nuts in Arkansas.

C. T. Jensen, Kankekee, Ill., asks for literature concerning homestead in Arkansas.

A. B. Sparks, Woodbine, Ia., asks for literature concerning homestead land in Arkansas.

G. O. Melrose, 1100 International Life Building, St. Louis, Mo., is interested in the Ozarks of Arkansas, where grapes can be grown profitably. He requests information concerning same.

E. T. Brown, Millstone, Ky., is interested in state and government land in Arkansas; also the farms for sale.

C. H. Ball, R1, Vandalia, Ill., would like to exchange equity of \$24,000 in Illinois Stock, Grain and Dairy farm of 240 acres for Arkansas land, near school and market,

free from incumbrance, partly improved, overflow and hill land not wanted.

W. M. Sanders, R3, Magnolia, Ark., is interested in homesteading land in Van Buren County.

Eli L. Slinkerd, Whitewater, Mo., wishes to locate in Arkansas this fall and would like a small place of one-half to five acres near a lively town and on a good road.

L. P. Gray, 2208 E. 31st St. Kansas City, Mo., wishes to buy a farm in Arkansas, near a town with good high school, 40 to 160 acres desired.

H. P. Johnson, R4, Jamestown, Kan., is interested in homestead land in Franklin, Johnson, Pope and Independence counties.

J. F. Barbee, Monticello, Ark., wants 40 to 500 acres in the Ozarks suitable for a stock farm, near some good town, county seat preferred.

A. J. Peacock, Jasper, Mo., wishes to obtain government homestead land in the fruit belt of Arkansas, he wishes the part best adapted to the growing of apples and grapes.

C. Jones, Box 771, Wapanucka, Okla., wants to locate in the apple belt of Arkansas, near good markets and where fruit, poultry and dairy products can be sold profitably, limestone soil preferred and must be near good town with high school. He would like to trade his stock, poultry and car as part payment.

John Z. Gill, Box 102, Clay City, Ill., is interested in Arkansas, and requests the literature.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY JIM G. FERGUSON, COMMISSIONER OF AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

Vol. 5, No. 9

LITTLE ROCK, ARKANSAS

September, 1923

Farmers Should Be Interested in Forest Preservation Because They Own a Third of the Timber Land

WE are told that where a man's treasure is, there will his heart be also. and experience has shown that a man generally puts his best thought where he gets his living. It is generally true that we have to be shown that it is worth our while in money to give time and attention to any proposition before we will give much thought to it. Now here is this question of protecting the forests from fire. Does it mean anything to the Arkansas farmer in real money? If your cotton fields were likely to burn over would it pay you to protect them? Timber is like cotton, it is a crop not a mine. A lot of us have looked on a woodlot as a piece of ground to sell the timber off of without hope of ever selling any more and taking the fact that this part of the farm was producing little or nothing in the way of a money crop, as a matter of fact. I am here to tell you that this is all wrong. You should and can make the wooded part of your farm pay and pay well. Farmers in other parts of the country do this and at a fine profit.

The farmers of Arkansas own more than 35 per cent of all the forest land of the state and nearly half the land they own is forest land. It is plain then that the farmers have a big investment in woodlands and that if they can make them pay they are so much more to the good. The 1920 census report states that the value of the products of the wood-working industries of the state was nearly \$100,000,000 and that 1-7 of this was produced on the farms. Fourteen million dollars is no small sum to divide among the farmers of the state and much more than is produced from some crops that receive a lot of time and labor. Had this same amount of timber been sold last year the higher prices received would have given an additional profit of over a million. It is not so many years ago, as you can well remember, that fine timber close to



Contrast Between Protected and Unprotected Young Pine Forests.

the railroads and mills brought much less than timber that must be hauled a long way, brings today.

We guess at the price of cotton, whether it will be up or down. We study the government reports to see if the demand will be greater than the acreage planted will grow and the price good or whether the supply will be greater than the demand and the prices low. Now with timber, this guessing game is a sure bet. We know how much timber there is in the country, that the demand for it is growing all the time and that we are cutting it about four times faster than it grows. We know that the price of lumber has increased in Arkansas 2-3 times in the last ten years. We know that one big reason for this increase in price is the fact that the forests that supply the timber are getting farther and farther away every year from the people who use the timber and that it must be brought to them. Every dollar of freight charge is added to the cost of the lumber and the profit of the dealer, which is a percentage of all the costs, is added on to this. The longer the haul the more the timber will cost. The effect of this is to make home grown timber more valuable and the cure for it is to grow the timber we need at home.

In New England, where 95 per cent of all the timber is brought from the South and West, the freight charges are often \$25.00 per thousand board feet. In other parts of the country where the timber has been cut out, freight charges are in proportion. The retail price at

the point to which lumber is shipped often exceeds the retail price at the shipping point by more than double the freight charges. Now Arkansas' timber is going very fast. Some sorts of building materials, like shingles, are already being shipped in from the West Coast forests. The amount of lumber imported into Arkansas will increase year by year, and the price too, as our supplies decrease until, in about ten years, much of the demand for building material in this state will be supplied by Western timber. If you don't believe this you just write me and I will send you all the proof you want or I will come to your farmer meetings and tell you the facts.

Now what does this importation of timber and high prices mean to our farmers? It means that every time they want a piece of lumber it is going to cost them about twice as much as it does now. Every time they buy a crate or a basket or a box to ship their produce in, they will pay for it twice or three times as much as they do now. It means that every hoe handle and every wagon and practically everything that a farmer has to use to make his living will cost him much more than it does now. We are apt to think the high price of forest products is due to the same reason that makes everything else high. This is not true. The price of forest products has increased much more rapidly than has the price of other commodities. In the Eastern states, where most of the lumber used is imported, the

lumber that could have been bought for \$100 in 1840 cost \$510.00 in 1920, while an average of all commodities that cost \$100.00 in 1840 could be bought for \$143.00 in 1920. You can see by this that the price of lumber has increased more than nine times as fast as the prices of other things.

This increase in lumber prices means just nothing for the farmer and that is that he will get less profit from the crops he grows in his fields and it will be harder for him to keep his property in repair, develop his farm and educate his children. The price the farmer will get for his produce is uncertain, but the price he will have to pay for everything wooden that he uses is sure to be higher and higher. He must protect himself by growing the timber he uses or its equivalent. The farm woodlot is the source of his timber supply and the source of a large part of the future timber supply of the nation. It is also a source that is very little appreciated or cared for. Since the farmers of Arkansas own more than 35 per cent of the forest land in Arkansas they should eventually produce 35 per cent of the timber values instead of 14 per cent as at present. If the farmers of the state and the nation have to pay high prices for forest products they are largely to blame because they have it in their power to off-set the prices they have to pay by receiving high prices for the timber they can raise. It is no use to wait until a timber shortage is an accomplished fact before you commence to raise timber (as others have done to their sorrow and loss), but now is the time to protect what you have and to start a new crop.

The other side of the high timber price is all in favor of the farmer. Stumpage prices have increased from four to six times what they were before the war.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



Homeseekers Who Want to Buy Arkansas Farms

"Want to rent or lease for five years a farm in a good community near a Church of Christ, or where I could be of service in helping to establish one. I would want a house of three rooms and a good barn." W. W. Humphrey, Mountain View, Ark.

Lee Martin, Box 61, Rotan, Texas, is a prospective settler and requests information concerning the parts of Arkansas best suited to agriculture. He is interested in state land.

R. L. Murdock, Beauregard, Miss., would like to locate in Arkansas and wants 80 or 160 acres, not very broken and not subject to overflow; he desires to be near a live town and wants land that is productive and that has some timber.

Guy Stevens, 220 East Third St., Pawhuska, Okla., is interested in Van Buren County and requests information concerning same.

F. M. Achaner, Lock Springs, Mo., is thinking of locating in Arkansas and asks for information.

Alice L. Gorton, Malta, Mont., is interested in obtaining land in Arkansas.

D. G. Vest, 1022 W. Madison St., North Topeka, Kan., expects to make his home in Arkansas soon and asks for literature.

E. W. Tyler, Brice, Texas, is going to travel over Arkansas in search of a location and requests our literature.

T. S. Broderick, Star Route, Jackson, Mo., wishes to locate in Northwest Arkansas. Literature has been sent to him.

F. Tranger, Box 65, Julian, Calif., is interested in exchanging for land near Clarksville.

G. Gjerre, 3921 Elliot Ave., Minneapolis, Minn., has requested bulletins on the soil, climate and crops in Arkansas.

H. W. Wise, Box 63, Lock Spring, Mo., requests Arkansas information.

C. B. Myers, 702 Marshall Field Building, Chicago, Ill., requests all

new data on Pope and Pulaski counties.

Ralph Lyon, Box 52, Chelsea, Vt., asks for literature descriptive of Arkansas farms as he wishes to locate here.

Frank Brabetz, R. 1, Bx. 14-A, O'Neal, Ark., wishes to rent a small farm within four or five miles of Little Rock where vegetables, corn and cotton can be raised profitably.

W. W. Rhoads, Carlisle, Ark., wants to rent a good farm near Little Rock, or in northwest Arkansas.

E. A. Bassett, 7815 Elton Ave., Cleveland, Ohio, wants to get a farm in Arkansas. Literature has been sent to him.

John W. Lytle, care O. R. W., R. 5, Box 2, Marysville, Ohio, requests information concerning homestead laws in Arkansas, best locations and the best time of year to find employment. He also is interested in minerals.

Literature concerning homestead

land in Arkansas has been sent by request to Frank Biggs, Tiffin, Iowa.

Chas. Schnuckee, Box 363, Park Place, Houston, Texas, wants to buy a farm in Arkansas where fruit, vegetables and corn can be raised successfully.

W. F. Flanery, Kellyville, Okla., wishes to locate in Arkansas and asks for literature concerning homestead land in the state.

S. W. Day, Box 82, Roosevelt, Minn., wants to locate in Arkansas. He is interested in the White River valley and requests information concerning the land there.

E. W. Rubert, 806 Tracy, Kansas City, Mo., wants to buy an Arkansas farm. Our literature has been sent to him at his request.

Emil S. Kliner, Marshfield, Wis., asks for literature pertaining to agricultural land, fruit growing, mining sections, cut-over lands and timber lands in Arkansas.

After touring a part of our beautiful Arkansas, J. C. Davis, 1264 Greenfield Ave., S. W., Canton, Ohio, desires to become a resident of the State and requests our literature.

W. O. Bacon, 373½ W. First St., Elmira, N. Y., asks for information concerning Arkansas land and the opportunities offered by the State.

Literature descriptive of the Ozarks of Arkansas relative to the soil, climate and health conditions has been sent by request to Jas. R. McClure, Box 454, Hopkinsville, Ky.

V. A. Kemper, 423 W. Tenth St., Kansas City, Mo., asks for bulletins on homestead land in Arkansas.

"Will you kindly send me literature concerning homestead land in Arkansas?" Seth W. Mount, R. F. D., Greenfield, Iowa.

L. F. Connor, 2404 South Ave., Shreveport, La., is planning to locate in Arkansas and asks for our literature.

J. H. Mize, Nederland, Texas, wishes to buy a farm home in the Ozarks of Arkansas. He is also interested in Polk County.

Elwyn E. Plew, Box 188, Wynona, Okla., expects to locate in Arkansas soon and requests information concerning state and government land open for homestead or purchase. He would like to trade his property in Osage County, Oklahoma, for Arkansas land.

FARMS FOR SALE

Eighty-Acre Farm.—Located in Polk County, one-half mile from highway, one and one-half mile from railroad town; three-room house, spring-watered pasture, small barn, orchard and timber, outside range. Price \$800, \$300 cash, balance on terms. Two smaller tracts for sale, on good road near town, also 70 head of cattle. C. F. Jones, Bx. 174, Gran- nis, Ark.

Bottom Farm.—One hundred acres of rich soil, free from rocks, all tillable, 10 acres timber, 50 in cultivation, balance in hay and pasture; new six-room house and outbuildings. Dennis Welling, R. 1, Greenway, Ark.

Poultry and Fruit Farm.—Forty-five acres, six miles from Fayetteville. Would exchange for a larger place, rooming house or hotel. C. W.

Schraver, West Fork, Ark.

Sharp County Farm.—Fifty-six acres, 35 in cultivation, 6 in meadow and pasture, small orchard; six-room house and outbuildings, conveniently located on public road near stores, postoffice, sawmill, school and daily mail. Good place for poultry and stock. F. N. Fletcher, Sitka, Ark.

Lincoln County Farm.—160 acres, five miles from county seat, 50 acres in cultivation, 8 in pasture, balance in oak, red gum and hickory timber; two sets of improvements, good place for stock raising, about one-half of land is creek bottom. Price, \$10 per acre cash, or will give terms. V. Pernell, Rest, Ark.

Fruit-Poultry-Dairy Farm.—Ninety-four acres, 14 acres woodland, 40 in apples, 40 in pasture that can be cul-

tivated; six-room house and outbuildings, Flint Creek on boundary of farm; conveniently located on K. C. Southern railroad. This property belongs to heirs, so must sell for cash. Price \$5,000. Mrs. R. J. Mathis, 330 W. 13th St., Bentonville, Ark.

For Sale or Trade.—Two acres on main road, one and one-half miles to Gentry, three-room house and outbuildings; one acre in Aroma strawberries, some other fruit, price \$500 cash, or would consider trade. A. L. Holland, R. 1, Gentry, Ark.

Farm Near Mena.—140 acres on the Polk and Montgomery County line, one mile from Hot Springs road; 35 acres in cultivation, 5 in meadow, some timber, orchard and vineyard; four-room house. Will include crop, stock, wagon and harness, write for price. G. B. Doyel, Waters, Ark.

Improved Stock and Grain Farm.—306 acres in northwest Arkansas; all fenced with woven wire, two sets of improvements, located on county road, 8 miles from Harrison, near school and church. This is good limestone soil, plenty of tame grass and meadow, three springs on place. G. M. Norcutt, R. 3, Box 79, Harrison, Ark.

Benton County Farm.—Twenty acres, on public road, one-half mile to school, two miles to church; three-room house and outbuildings; 75 bearing apple trees, some berries, 14 acres in pasture; all buildings on place are new. Price \$2,000. G. C. Puryear, R. 1, Gravette, Ark.

Stone County Farm.—160 acres, 40 in cultivation, 20 in pasture, 100 acres in fine young timber, several thousand feet of saw timber, pine, oak, gum, etc.; conveniently located near sawmill, school, church, and post-office; large orchard on place. Will include stock, poultry, farm implements and household goods if desired. H. Lay, Box 43, Flag, Ark.

Farm in the Ozarks.—Twenty acres in the apple belt of the Ozarks, 8 miles from Rogers. Also 50 acres adjoining the former, all in cultivation. Price, \$100 per acre. J. D. Lasater, Pea Ridge, Ark.

Creek Bottom Farm.—185 acres, 100 creek-bottom land, good fencing, house and barn. Will give long time at low rate of interest. Samuel J. Barber, Havana, Ark.

Northwest Arkansas Farm.—160 acres, 80 acres of good berry or fruit land, 35 acres bottom land in cultivation, some saw timber; located near good oil prospects; five-room house. Price \$5,000, \$3,000 cash, terms on balance. Mrs. Sadie Johnson, Gravette, Ark.

Hog or Sheep Ranch.—240 acres, located five miles west of Gravette, on river, all fenced hog-tight; will sell at bargain. C. G. Johnson, R. 3, Gravette, Ark.

Independence County Farm.—81 acres, 14 in cultivation; some fruit on place, two-room house and barn; splendid place for fruit and poultry raising. Price, \$500, \$300 cash, balance on terms. C. E. Rudisaile, R. 1, O'Neal, Ark.

Small Farm and Timber Tract.—Ninety-acre farm, well improved, 18 acres in cultivation, 40 to be cleared, 10 in pasture, some timber, four-room house. Price, \$1,500. Will include for \$2,000 a 50-acre tract of timber land, adjoining the farm, 5,000 feet

of pine, 20 acres under fence, three and one-half acres in cotton, 10 to be cleared, splendid location. A. E. Wickersham, Advance, Ark.

Improved Farm.—Eighty-eight acres in Garland County, 12 miles from Hot Springs; 50 acres in cultivation, balance in fine timber, young orchard; five-room bungalow and barn; located one mile from school on good road. Fine place for stock, poultry and truck farm. Price \$3,500. Owen Corrington, R. 1, Box 50, Percy, Ark.

Northwest Arkansas Farm.—Fifty-six acres under fence, 20 acres in orchard; two-room house, near school house, 2½ miles from railroad. J. D. Bates, Hiwassee, Ark.

Northeast Arkansas Farm.—Forty-acre timber tract, all can be cultivated. price \$250. F. M. Brinegar, Hiwassee, Ark.

Fulton County Bargain.—Well improved farm, 40 acres in cultivation, small orchard, four-room house and barn, will sell at bargain price, \$1,000. Sam Martin, Ash Flat, Ark.

Polk County Farm.—Eighty acres located two miles from Mena, on Jefferson Highway; modern four-room bungalow, outbuildings, 50 acres in cultivation, good pasture and timber land, all is fenced and cross-fenced. Will include crop, stock and furniture if desired. Price reasonable. Miss M. L. Goodman, R. 2, Mena, Ark.

Benton County Farm.—240-acre stock farm on Spavinaw river, four miles from the Oklahoma line, all is fenced hog-tight; five-room house, price \$25 per acre, or \$3,000 cash, balance on terms. Mary A. Smith, R. 3, Gravette, Ark.

Fruit-Stock-Poultry Farm.—Sixty acres located in apple section of Washington County, one and one-half miles from Farmington and near State University. Six-room house, screened and painted, large barn and silo; land is adapted to alfalfa, wheat and other grains, 100 apple trees, other fruit and berries on place, best of markets here. Price, \$3,000 cash, easy terms on balance. Mrs. Kathleen D. Cox, Farmington, Ark.

Ashley County Farm.—Eighty acres, all under hog-tight fence, 25 acres in cultivation, balance in timber, 40 acres fenced for pasture, good improvements; located on public road, four miles from county seat; daily mail and telephone line. Price \$30 per acre. T. G. Duckworth, R. 4, Hamburg, Ark.

For Sale or Exchange.—216 acres of black lime-stone soil, 70 in cultivation; new six-room house and barn, other outbuildings; \$1,000 mortgage for three years on place. Will take \$6,000, half cash, balance on terms, or will exchange for smaller improved farm in the Ozarks. A. F. Layton, R. 4, Springdale, Ark.

Fruit and Truck Farm.—160 acres, 100 acres cleared ready for cultivation, 100 Elberta peach trees, some pasture land; one house and outbuildings; conveniently located nine miles from Charleston. Will sell at bargain price. W. F. Jameson, R. 5, Charleston, Ark.

Montgomery County Farm.—Sixty-three acres, 15 in cultivation, 20 acres under fence, balance in timber and pasture; one house and barn; conveniently located on public road. Price,

\$1,000 if taken at once. S. A. David, Story, Ark.

Sevier County Farm.—Eighty-one acres, six miles to DeQueen, on Bankhead Highway; 30 acres in cultivation, sandy soil with clay subsoil, small orchard; five-room bungalow and outbuildings; convenient to school and church; \$1,600 encumbrance. S. L. Exum, R. 3, Lubbock, Texas.

Farm and Timber Tract.—Eighty-acre fruit and berry farm, 10 acres in cultivation, 50 cleared; one house; located on road and near small creek; large free range. Price, \$900. Sixty acres of timber land near farm, price \$400. Would trade for farm in wheat section. S. L. Willard, Thornburg, Ark.

For Sale or Trade.—Forty acres of land. Write for particulars. Lonzo Kelton, Decatur, Ark.

Newton County Farm.—160 acres, 20 under fence for cultivation, 30 fenced for pasture; lots of timber, also fruit trees and berries; free range; old age is reason for selling. Price, \$10 per acre. J. Bodine, Swain, Ark.

Goat or Sheep Ranch.—Forty acres, heavily timbered, some fine walnut, oak, hickory, gum and others; creek runs through place; \$10 per acre, or will trade for small improved place near Clarksville. M. C. Bodine, Swain, Ark.

Ideal Farm Home.—Located on Big Mulberry Creek in Franklin County; 166 acres, 80 in cultivation, 20 in meadow, balance in timber; all is good creek bottom land, free outside range, good place for fishing and hunting; six-room house and out-

buildings. Price, \$4,000. Wm. Ketchum, Cass, Ark.

Eighty-Acre Farm.—Fifty acres level land, all can be cultivated; 20 acres in woods, 60 under fence; five-room house and outbuildings; located on Malvern road, 8 miles from Hot Springs; convenient to church and school. An ideal place for dairy, poultry or truck. Price, \$4,000. J. Frank Martin, R. 2, Hot Springs, Ark.

Forty-Acre Farm.—All is fenced with woven wire, 25 acres cleared, 7 in Lespedeza hay, balance in timber; on public road three and one-half miles from county seat; three-room house, other improvements; convenient to school, railroad and on rural route and telephone line. Price \$1,000. Guy Duckworth, R. 4, Hamburg, Ark.

For Sale or Exchange.—120-acre farm one mile from Foreman, all is fenced and well improved. Will exchange for smaller place near or in a good town. J. S. Vandiver, Bx. 96, Foreman, Ark.

Fruit and Grain Farm.—Ten acres of land, 3 acres in grapes, 2 in strawberries, one in corn, balance in timber. Price, \$800. Would take good Ford car as part payment, Sedan or Coupe preferred. W. E. Polk, Avoca, Ark.

Marion County Farm.—Fifty-one acres in the Ozark hills, good mineral possibilities. Would consider trade for good car. T. V. Russell, Yellville, Ark.

Upland Farm.—Fifty acres, all under fence, 35 in cultivation, balance in timber, four-room house and outbuildings. Will sell very cheap and would take a young work mule and good hogs as part payment. Mrs. G. M. Harrison, Daisy, Ark.

Miscellaneous---For Sale

Pointers, setters and Pekingese, also a fine lot of puppies. Barbee Stock Farm, Monticello, Ark.

One "Auto Knitter," including bobbins, thread and instructions, in good condition and guaranteed to do perfect work. Will sell at low price or trade for something of equal value. Pearl Reynolds, Star Route, Appleton, Ark.

Seven-top winter turnip seeds, 50c per pint. Mrs. Henry Dillard, R. 2, Bx. 41, Amity, Ark.

Everlasting yeast, 12 cakes for 10 cents, directions for using. Cal Winchester, R. 1, Clifty, Ark.

Grist mill fully equipped, also a set of blacksmith tools. In a good location where there is more work than one man can do. I have \$700 invested, will sell same for \$400 to right man. Wm. A. Whillock, Mayfield, Ark.

DeLaval separator, No. 10, in good condition, price \$25; one Harrison one-man saw, folding, price \$10. R. Boyer, R. 1, Wynne, Ark.

Brownie Camera No. 3 with enlargement lens and home developing outfit, in good condition, price \$6; silk quit top, postpaid, \$5; Snowdrops, 12c per 100; Bleeding Hearts, 25c each; sweet violets, 5c each, postpaid. Mrs. Cecil Ritchey, Center Point, Ark.

Fox, tree and rabbit hounds,

trained and untrained. H. O. Moore, Dover, Ark.

Sawmill, 10,000-foot capacity, in good condition and well equipped, planers included if desired; will sell at bargain. E. O. Street, Levy, Ark.

Clover and timothy hay for sale, in car lots. O. A. White, R. 1, Green Forest, Ark.

Ten h. p. International kerosene engine, in good condition, a bargain at \$150, or would exchange for Fordson and pay difference. Roberts & Cone, Wheeling, Ark.

Combined store room and dwelling, located in one of the best residence sections of Eureka Springs; part of building could be easily converted into a garage, large rooming house or hotel. Will sell below cost; price \$1,350. E. C. Grinstead, Muddell Route, Eureka Springs, Ark.

Airedale pups, eight weeks old; females \$10, males \$15. Walter Bros., Sulphur Springs, Ark.

Ten rooted house plants for 75c, armarayllis, begonias, coleus, geraniums and others, no two alike. Six packages of flower seed for 10c, for fall planting. Mrs. B. E. Shreve, Des Arc, Ark.

Pedigreed Strain Abbruzzi seed rye, \$2.50 per bushel; pedigreed strain Red Rust-Proof, Appler and Fulghum seed oats, \$1.20 per bushel. Mail me your order and get highest quality. A. B. Kirby, Gaffney, S. C.

One-minute photograph outfit, does good work and very simple to operate. Would like to trade same for a pair of milk goats, white Leghorn chickens or rabbits. W. K. Rhoads, Conway, Ark.

Will sell a part of my pack of fox and wolf hounds, also good tree dogs partly trained and a few pups. Send stamped envelope for information. L. L. McCallister, Hanover, Ark.

Oliver typewriter, as good as new; would like to trade for Remington automatic shotgun. J. C. Cox, Amity Ark.

Complete blacksmith shop; will trade for good saddle pony and saddle. Also a Buster Brown Camera, postcard size, will sell or trade. Elmer Scrape, R. F. D., Bx. 165, Blytheville, Ark.

Four h. p. Fairbanks-Morse engine hooked on running gears of wagon with saw, in good condition; will sell for cash or trade for something of equal value, good Jersey or Guernsey dairy cows preferred. Hayes Elmer, Omaha, Ark.

Three good tree dogs, one fox and wolf dog. Seth T. Usrey, Connor, Ark.

One country store, eight miles from Bentonville. A. Weiss, R. 3, Bentonville, Ark.

One Standard Gearhart knitting machine with bobbin winder, attachments for ribbing, instruction book, value \$50; will sell or trade for something of equal value. For cash sale will include 2 lbs. of yarn. Andrew Simmons, Cave City, Ark.

One blacksmith shop with tools, 8 h. p. engine, grist mill and feed mill, all can be run from engine; a good stand and lots of work. One five-room house, household goods and dairy cows, will sell for half price. S. M. Lindsey, R. 2, Hackett, Ark.

One lot with large four-room store building, rich garden spot; located in the heart of the strawberry belt on the M. & N. A. railroad. Near school and postoffice; price, \$500. Mrs. R. Gingery, Zack, Ark.

Twelve everblooming roses, \$2; six evergreen shrubs, 75c; single red camelia Japonicas, shell pink camelia Japonicas, pepper plants, shallot onions, Mammoth Russian sunflower seed and hedge plants. Write for prices. Ivan L. Butler, Lecompte, La.

Nine-weeks-old New Zealand Red Rabbits, \$1 each if taken at once. Mrs. Robt. C. Hindman, Bx. 124, Gravette, Ark.

One gasoline filling station, good as new. Will take, f. o. b. station, \$75 if taken at once. J. F. King, Jersey, Ark.

Racket goods, new and first class, still in wholesale house, price \$4,000. One-half acre with modern seven-room house and good improvements. One 40-acre tract, well improved, will take part trade. Would like to trade stock of goods for rooming house or income property. Geo. Frame, Siloam Springs, Ark.

One gin with one stand, grist mill and sawmill outfit; all is run in connection with gin; does a good business for country gin. Thirty-nine acres of good farming land adjoining the gin, one house on place. Also 20 acres of timber land goes with this. Price \$1,850; terms on part or will sell for \$1,750 cash. Jas. T. Webb, Des Arc, Ark., Box 242.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Live Stock For Sale

HORSES AND JACKS.

Two good Texas Jacks for sale or trade for sheep, goats, cattle or small farm near railroad; both Jacks are good breeders. W. C. McCarley, Gillham, Ark.

Black Percheron stallion, 3 years old, weight 1,500 lbs.; very gentle; registered. W. A. Nichols, R. 1, Bx. 160, Siloam Springs, Ark.

Stallion of Belgian breed, is gentle to ride and work; will weigh 1,200 lbs. when fat. Price \$200. Can give time on good note. John G. Church, R. 1, Bx. 70, Detonti, Ark.

One team of good work mules, 3 and 4 years old. Price \$250. John Amour, Gassville, Ark.

One mare, 8 years old, and colt 2 months old; will take \$35 for both, or will trade for hogs. M. M. Doss, Sunset, Ark.

One team of good work mules, 8 and 9 years old, weight 900 lbs. each; one sorrel mare, 7 years old, weighs 750 lbs.; also a wagon and harness. Will trade for small improved farm in northeast Arkansas. D. C. Hale, Galena, Ark.

Saddle and pacing Stallion, registered; fine looking, gentle, intelligent; sire of some of the best saddle horses in Columbia County; name, Ben Edwards, sire, Tennessee Gentry; dam, Minnie Hal II; will sell very cheap or trade as I am quitting the breeding business. C. D. Stevens, M. D., Magnolia, Ark.

Jack, 8 years old; bargain. S. P. Stanphill, R. 2, Alpena Pass, Ark.

Fine coal black registered horse colt, \$125; registered mare, bred to registered stock, \$100. Ned Stanfield, R. 2, Rudy, Ark.

CATTLE.

Seventy-five head of registered Holstein cows and calves; T. B. tested. Priced right. H. H. Hawley, Elsberry, Mo.

Fourteen head of cattle. Would exchange for young work mule or registered Poland China hogs. Mrs. G. M. Harrison, Daisy, Ark.

Registered Jersey bull, 2 years old, good disposition; price \$75. Also 7 Jersey grade heifers, \$50 each. f. o. b. J. E. Atwood, R. 1, Berryville, Ark.

Thirty head of Jersey cows and heifers, two thoroughbred bulls. Will sell cheap if taken at once. F. F. Hinkley, Tyronza, Ark.

Fine herd of 16 Jersey cows, bulls and heifers; fine looking and best of breeding; some are registered. Price \$1,000. W. J. Brooks, Siloam Springs, Ark.

Registered Scotch-bred Shorthorn bull, 3 years old; bargain. O. A. White, R. 1, Green Forest, Ark.

SHEEP AND GOATS.

One black Toggenburg milk goat, gallon milk, \$50. Two half-breed Nubian, giving one half gallon, \$25. Mrs. F. Ross, 20 Norris St., Eureka Springs, Ark.

Registered Shropshire yearling rams, \$30 and \$40 each. Mrs. A. T. Cart, Philadelphia, Mo.

Extra good yearling Hampshire rams; prices right. Wade Bros., Green City, Mo.

Fourteen white Bush goats (12 ewes and two bucks): \$1.50 each. f. o. b. Jas. R. Hearnberger, R. 1, Bx. 51, Thornton, Ark.

Grade milk goats, kids and young nannies of Toggenburg, Saanen and Nubian strain. Also two bucks, one part Saanen and Nubian, the other almost a pure blood Toggenburg; will sell one of the bucks. Prices right. Ulysses G. Willis, R. 3, Gravette, Ark.

One registered Shropshire buck sheep, one grade Shropshire and one grade Catswold. Young Bros., Summit, Ark.

DOGS.

Stock dog, partly trained; cheap. S. P. Stanphill, R. 2, Alpena Pass, Ark.

Coon, skunk, possum, squirrel, fox, wolf and rabbit hounds, sold on ten days' trial and guaranteed; prices right. Ray Langston, R. 2, Green Forest, Ark.

HOGS.

Two registered Hampshire sows and five Hampshire shoats, to exchange for sheep or turkeys. Young Bros., Summit, Ark.

Red Duroc Jersey shoats, from Poland China sow. W. A. Nichols, R. 1, Bx. 160, Siloam Springs, Ark.

One Big-Boned Poland China boar, can furnish papers; guaranteed to be gentle; price \$50. John Amour, Gassville, Ark.

Fine pair of black Poland China hogs, boar cost \$500 when a pig, sow cost \$235. Will sell pair for \$100 to close out. Barbee Stock Farm, Monticello, Ark.

Pure-bred Duroc Jersey boars and gilts, pedigrees furnished: first choice, \$20 each; second choice, \$15 each. All are guaranteed to be good breeders. Clifford Henry, Knox City, Mo.

Three choice Pathfinder Sensation bred Duroc males, 16 weeks old, \$10 each. Walter Bros., Sulphur Springs, Ark.

Six Duroc gilts, 10 months old, bred to a first prize winner at the Arkansas State Fair in 1921, weight 300 to 350 lbs.; price, \$30 to \$35 for quick sale, crated and put in express office. One 1-year-old boar, weight 400 lbs., price \$40. J. M. Zimpel, Clarksville, Ark.

Eight pure-bred Berkshire pigs, 3 months old, will sell cheap. A. B. Holland, Sun-Rise Farm, Alexander, Ark.

Six-months-old Poland China boar, is from 900-lb. stock. Will trade for shoat. M. B. Updike, O'Neal, Ark.

O. I. C. pigs, 4 to 6 weeks old, either sex, eligible; \$5 each f. o. b. here. J. F. Cook, Fayetteville, Ark.

Big Type Poland China, registered, in 1,000 lb. class. O. A. White, R. 1, Green Forest, Ark.

Poland China sow, 2 years old, sure breeder; registered, weighs 400 lbs.; \$35. Weaning pigs, \$7.50. J. W. Hull, Smith Hughes teacher, Danville, Ark.

POULTRY.

English S. C. W. Leghorn cockerels hatched May 1, price six for \$5, twelve for \$9. Mrs. Ross W. Morton, R. 1, Gerster, Mo.

Light Brahma hens, \$1 each; one-year-old cockerels; setting of 15 eggs, \$1. John Amour, Gassville, Ark.

Dark Barred Plymouth Rock roosters, bred from Thompson strain, April hatched. Price \$1.50. Mrs. H. W. Richardson, R. 2, Prescott, Ark.

Our entire flock of S. C. White Leghorns, the famous "lay every day strain." Barbee Stock Farm, Monticello, Ark.

Pure-bred White Leghorn cockerels, good laying strain; \$1.50 and \$2.50. H. E. Harris, Parkin, Ark.

One hundred Buff Leghorn yearling hens; April hatched pullets, \$1 each; cockerels, \$1 each. Mrs. Lark Cloe, R. 3, Bentonville, Ark.

Forty Single Comb Black Minorca hens, two yearling roosters and young pullets, \$1 each. W. G. C. Coleman, Hiwassee, Ark.

Pedigreed Speckled Sussex cockerels, also Ancona cockerels from pedigreed cock bird. Walter Bros., Sulphur Springs, Ark.

One young R. I. Red rooster and two young hens for \$5; young hens, Single Comb Dark Brown Leghorns, price \$1.50 each. Mrs. O. T. Beck, Bx. 128, Washington, Ark.

Leading Anconas in present National egg-laying contest; hens, \$1; cockerels, 75c up; satisfaction guaranteed. Mrs. Avery Allen, Macon, Mo.

High grade Buff Orpington cockerels to exchange for others of equal grade. Not bred for feathers, but quality. Paul W. Crabb, Garfield, Ark.

Two dozen pullets, first choice S. C. R. I. Reds, April hatch, from tested pure-bred hens, \$10 per dozen. One dozen second choice, \$8 per dozen; one dozen June hatch, first choice pullets, \$5 per dozen; seconds, \$3.50 per dozen. E. M. Billingsley, Gravelly, Ark.

Single Comb Brown Leghorn cockerels, satisfaction guaranteed; \$1 each, or five for \$4.50, f. o. b. Greenwood. T. C. Harris, Greenwood, Ark.

Pure-bred S. C. R. I. Reds, Tribble strain, 15 hens and one cockerel 1 year old, the hens are bred to lay and will sell at \$1.25 each, cockerel \$1.50. Also young stock at reasonable price. W. E. Burns, R. 1, Austin, Ark.

Silver Wyandottes, Cockerels \$2.50 and \$3.50 each; good breeding hens at \$2.50, \$3.50 and \$5 each; December hatched S. C. R. I. Reds, Jamestown strain direct, cockerels ready for service at \$2.50 each. Lewis T. Sanders, McNeil, Ark.

Pure-bred Barred Rocks, 1921 National prize winning egg strain cockerels, May hatch \$2.50, April hatch \$3; eggs from same rich blood lines now reduced to \$7.50 per 100; a rare bargain. Mrs. U. T. Thatcher, R. 8, Bx. 85, Fulton, Mo.

S. C. White Leghorn cockerels, April hatch from pen of 29 hens of the young strain that laid an average of 24 1/4 eggs during May; sired by cock from Roselawn Poultry Farm, Joplin, Mo.; cockerels \$1 each until October 1, f. o. b. Gentry. G. B. Hillock, Gentry, Ark.

White Leghorn cock, \$2; several White Leghorn spring cockerels, 75c each, f. o. b. here. Good stock. Mrs. F. L. Miller, Dutton, Ark.

Six Brown Leghorn laying hens, \$1 each or would exchange for equal value in poultry wire fencing. Mrs. Nina Ayotte, St. Francis, Ark.

Light Brahma eggs, \$1 for 15; baby chicks, 20c each. Other sizes reasonable. Mrs. Nina Ayotte, St. Francis, Ark.

Twenty-five English White Leghorns, hens and three cocks; they are Tom Barron strain, \$1.50 each, f. o. b. here. Would trade for White Wyandottes or Jersey Black Giants. Jas. R. Hearnberger, R. 1, Bx. 54, Thornton, Ark.

WANTED.

Three hundred baby chicks delivered, if possible, September 20, and not later than October 1; White Wyandottes preferred, would consider White or Barred Rocks or Rhode Island Reds. J. H. Young, Box 63, Gurdon, Ark.

Second hand Ford truck in good condition. Roy Ayotte, St. Francis, Ark.

Carload of light feeder hogs weighing from 100 to 125 lbs.; prefer to buy from farmers direct. Eugene C. Stacy, Tiffin, Ohio.

Northwest Arkansas farm or town property; I have store building in St. Clair County, Illinois, value \$2,000 clear. L. W. Garrett, Swan, Mo.

To buy a good milk goat. John C. Nielsen, Alix, Ark.

A renter for a 800-acre farm near DeQueen, Ark., 400 acres in cultivation; it is well improved and is located in Rolling Fork river bottom; would rent on the shares or cheap for cash. U. P. Stapleton, Albany, Mo.

To exchange 40-acre farm, well improved, for Ford roadster or moving picture show; land is in Montgomery county. J. F. Moore, Oakwood, Ark.

To rent good land on shares where the landlord furnishes everything. I prefer to be near a school and in a healthy location. J. W. Estep, Fallsville, Ark.

Hands to make railroad ties, from 18 to 30 cents a piece. Will take all I can get. W. H. Fields, R. 1, Bx. 19, Newark, Ark.

Deer tongue leaves and all other roots, herbs, barks, etc. We pay highest cash prices; write for complete price list. Southwestern Crude Drug Co., Inc., Bristol, Va.

More Farms For Sale

Creek Bottom Farm.—Ninety-three acres, 40 in cultivation, 5 in hay; soil is mostly black loam; located near Flippin and Cotter; one mile to school. Price \$2,500, \$1,500 cash, terms on balance. Ada Moreland, Rea Valley, Ark.

Two Hundred-Acre Farm.—One hundred acres under fence, 40 in cultivation; some fruit on place; five-room house and outbuildings; located 7 miles from Salem, in good neighborhood, one-fourth mile to school. N. Durbin, Wheeling, Ark.

For Sale or Trade.—Two improved farms, 60 and 30 acres, respectively. Would like to trade for land in south Missouri. C. E. Noyes, Abbott, Ark.

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ARK

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

Vol. 5, No. 10

LITTLE ROCK, ARKANSAS

October, 1923

Fattening and Marketing Arkansas Turkeys for the Thanksgiving, Christmas and New Year's Markets

TURKEYS are going to bring a good price this year and there will be a strong demand for every bird the Arkansas farmer can put on the market. If the consumer is willing to pay 50 cents a pound for his holiday turkey the grower should net more than 25 cents, which was the average farm price of last year. It should not cost as much to sell a turkey as it does to raise one, and to keep down these huge profits of the middlemen the producer must better understand the marketing end of the turkey business. There is some advice in the following paper entitled, "Hints on Marketing Turkeys," issued on the eve of the Thanksgiving movement.

Quality is important in marketing turkeys and adds much to their market value. Good-sized, quick-growing, well-fattened birds make a much better appearance when dressed and they find a ready sale at good prices. Thin, scrawny birds, on the other hand, are hard to sell at any price. Moreover, turkeys are sold by the pound, so that the larger the size and weight they can be made to attain by marketing time, the greater will be the returns. Consequently the breeding stock should be carefully selected and preferably should be of some standard variety.

Penning up turkeys to fatten them is very unsatisfactory. Most turkeys are raised on a free range and although they may eat well for a few days when penned, after that time they are likely to eat little and to lose rather than gain in weight.

On the average farm, range fattening is the most satisfactory. This should begin about three weeks or a month before the turkeys are to be marketed. Fattening should proceed gradually by feeding lightly on corn in the morning and again in the evening a short time before the turkeys go to roost. The amount of corn fed should be gradually increased until the birds are getting all they will eat. By this method the turkeys will become well-fattened with the least trouble. Care must be taken not to feed new corn too heavily until after the turkeys have become accustomed to it; otherwise digestive troubles may develop which will interfere with rapid and economical fattening or even cause deaths.

Producers usually market their turkeys either for the Thanksgiving or Christmas market. If the birds are of good size, well-matured, and in good condition for fattening, they can often be marketed to best advantage at Thanksgiving. If they



A Spring Hatch of Arkansas Turkeys.

are small and immature it may be desirable to hold them until Christmas or even longer and thus obtain more weight before marketing. However, except in the case of very late turkeys, or of a known market that affords a good outlet at a later date, it usually is best to dispose of the birds not later than the Christmas market. Should any of the turkeys that are fattened for the Thanksgiving market not be in very good condition at the right time they may be held for the Christmas market to receive further feeding, but unthrifty birds had best be sold without further delay as they are unlikely to fatten well and may die.

The best place to market turkeys is, of course, where the best returns, everything considered, can be obtained. Among the outlets of sale available to turkey raisers located within express shipping distance of good markets are: Local consumers, local buyers or dealers, more distant buyers or dealers and carlot shippers, and receivers or commission merchants of live

or dressed poultry in the larger cities. Where the producer is located 500 miles or more from a large city the choice of an outlet will be somewhat restricted.

Turkeys may be marketed either alive or dressed. Most producers market their turkeys alive for this is usually the most satisfactory method. As a rule, producers are not well equipped for dressing turkeys properly nor are they skilled in the operation. Therefore, only in the case of local sales or where the grower has an unusually favorable outlet is he justified in shipping dressed turkeys to market. In a few sections it is customary for farmers to dress their turkeys and bring them to town on certain specified days when buyers from distant markets are present to make bids for and buy them.

The operation of killing and dressing is easily accomplished when proper methods are used. The turkeys are hung up by their legs at a convenient height for killing and with a single stroke of a sharp knife, the veins in the throat are severed just

beyond the skull. This enables the carcass to bleed out well. The point of the knife should be pushed up through the roof of the mouth into the brain. This operation is known as sticking and when properly done paralyzes the bird and loosens the feathers so that they come out easily. In dressing turkeys they should always be dry plucked. This is not difficult for the feathers pluck more readily than on chickens. The carcasses should be plucked clean unless the buyer specifies some special style of plucking.

Following the plucking, the carcasses should be thoroughly cooled. Failure to remove all animal heat promptly will result in early spoilage. If the air temperature is cold, between 30 and 45 degrees, the birds can be hung up to cool. Care must be taken that the carcasses do not freeze, for if this occurs before the body heat is all removed, it will cause rapid spoiling. If the air temperature is too warm for chilling the carcasses, they may be cooled by immersing in cold water. Cold running spring water is suitable for this purpose and when this is not available, ice water should be used.

When the carcasses are thoroughly chilled, they are ready for shipment. A barrel makes a convenient shipping container for dressed turkeys. The shipment should always be iced to prevent heating and spoilage. This is done by placing a layer of cracked ice in the bottom of the barrel, then a layer of turkeys, then another layer of ice, continuing in this manner until the barrel is nearly full. A liberal layer of cracked ice should be placed on top and if the shipment has a considerable distance to travel, good sized pieces of ice should be put in the top layer. A piece of burlap should be tacked over the top of the barrel to hold the ice in place. In this form the turkeys are ready for shipment.

It is always a temptation for the turkey raiser to pick out the largest, finest, quickest-growing turkeys and send them to market early. Such a course is suicidal where the grower intends to continue the raising of turkeys during the years to come. By doing this at Thanksgiving and again at Christmas, only the small, unthrifty birds are left in the flock. It is far better, instead, to select as many of the finest, largest, quickest-growing young birds as are needed to rear the next year's flock and to send the rest to market.

Plant Winter Grain Crops This Month or it Will Be Too Late

Oats, rye, barley or wheat will do well on good soil almost anywhere in Arkansas.

They will cover the ground, keep it from washing away and will conserve the moisture.

They will furnish winter pasturage for the stock and mature a crop of hay or grain in the spring in time to put in another crop on the same land.

Prepare the soil thoroughly, plant only tested seed and fertilize liberally at planting time with barnyard manure or commercial mixture.

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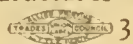
JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



FARMS FOR SALE

Farm on White River.—Sixty-five acres, all under fence, fine spring on place; splendid location for poultry and fruit, new poultry fence around garden, new cellar under construction. Would exchange for small place near a town in this section of the State. A. W. Holland, R. 2, Lowell, Ark.

For Sale or Trade.—Forty acres in Newton County, 10 acres in cultivation, 25 can be cultivated, some fruit and berries on place; four-room house and outbuildings. Would trade for Ford truck or touring car in A-1 condition. John W. Estep, Fayetteville, Ark.

Conway County Farm.—Forty acres, located five miles north of Plumerville, in good neighborhood and near schools; some fruit and strawberries on place, two sets of improvements. Will include all stock, poultry and farm implements. John W. Vaughn, R. 1, Bx. 78, Plumerville, Ark.

General Farming Land.—Forty acres, suitable for fruit, berries and general farming, fine for poultry raising; 30 acres can be cultivated, balance in timber; located one-half mile from store, mail, school and Pershing Highway. Will sell or trade to settler only. Henry A. Paysinger, Evening Shade, Ark.

Arkansas County Farm.—120 acres, 80 acres under fence, 75 in cultivation, balance in timber, 40 acres in branch bottom land; four-room house and outbuildings, three-room tenant house, small orchard; located three and one-half miles from county seat, on rural route. Price \$3,000. R. F. Brockman, R. 2, Box 88, DeWitt, Ark.

Eighty-Acre Farm.—Located one mile from Bergman; good level land, well improved, fine for fruit and grain. Will include crop, stock and farming implements. Price \$5,500. W. D. Greenfield, Bergman, Ark.

Forty-Acre Farm.—Thirty acres in cultivation; three-room house and outbuildings, young orchard, fine water. Will sell or trade for Oklahoma property. J. W. Barrett, Belleville, Ark.

Fruit and Poultry Farm.—Twenty acres, near railroad, school and town; good improvements, running water. S. E. Cloe, R. 3, Bentonville, Ark.

Improved Farm in Benton County.—Forty acres, located on good road, six miles from Springdale; all is under fence; four-room house; fruit of various kinds; this is an ideal fruit and poultry farm and is convenient to church and school. Mrs. W. R. Camden, R. 3, Box 89, Springdale, Ark.

Eighty-Acre Farm.—Located in the fruit belt of Arkansas, 5 miles from railroad; 8 acres in apples, some other fruit; three-room house, poultry house and barn. P. O. Douglas, R. 3, Gravette, Ark.

Madison County Farm.—355 acres, 50 in cultivation, 50 acres in pasture, 50 apple trees, 50 acres more that can be cultivated; six-room house, barn and other outbuildings. Will take \$10 per acre if sold soon, easy terms on half. J. L. Polk, Alabam, Ark.

Benton County Farm.—Sixty acres, three miles from Lowell, six miles from Springdale; 40 acres in cultivation, balance in timber, all fenced; seven acres in apples, three in grapes, four in berries; three-room house and barn. Price, \$40 per acre, or will trade for store or other business. E. H. Byerly, R. 2, Lowell, Ark.

Farm on White River.—246 acres, 100 in cultivation, 35 of which is creek bottom land, does not over low; plenty of fruit and an abundance of saw timber, large yellow pines, oak and hickory, also enough tie timber and red cedar post to pay for farm; located in a healthy mountainous country where stock-raising is profitable, and the growing of cotton, corn and fruit is successful. Will sell or trade. E. Todd, Cook, Ark.

Improved Farm in Washington County.—263 acres, nine miles from West Fork in healthful location; 50 acres in cultivation, good hardwood timber, some fruit and berries. Price \$5,500. Wm. Laughrey, Route 1, Box 72, West Fork, Ark.

Farm in Fruit Belt. Eighty acres of level land near Siloam Springs, three-fourths mile from school; 40 acres in cultivation, 40 acres in timber, some improvements. Price \$50 per acre, terms to suit purchaser, or would exchange. W. J. Brooks, Siloam Springs, Ark.

Fulton County Farm.—120 acres, 80 in cultivation, balance in timber; well located near church, school and post office; five-room house, barn and other outbuildings. Price \$1,500. T. W. Cene, Wheeling, Ark.

Two Hempstead County Farms.—(1) 120 acres, 50 acres of hill land, balance bottom land; 75 acres in cultivation, 10 in carpet and Bermuda green pasture; five-room bungalow, artesian well on place; located on L. & A. railroad, two miles from Patmos. Price \$35 per acre; leased for oil. (2) 160 acres adjoining the above farm, 30 cleared, eight acres upland; not leased. Price \$17.50 per acre. John Rogers, Patmos, Ark.

Randolph County Farm.—160 acres of clover land, adapted to fruit and stock raising, everlasting water; 150,000 feet of hardwood timber. Price \$1,000. Luther Johnson, Myrtle, Mo.

Fruit and Stock Farm.—Eighty acres, 45 in cultivation; small orchard; three-room house, large barn; located on good road, rural route and near good school and churches; splendid location for fruit and stock raising. J. C. Cox, Amity, Ark.

Mountain Farm.—Eighty acres located on mountain near Atkins, soil is adapted to cotton, corn and fruit; large orchard on place; good improvements. C. C. Gay, Pottsville, Ark.

Arkansas County Farm.—160 acres, 80 acres cleared, 80 in timber, 100 acres under fence; four-room house and outbuildings all new; located four miles east of Gillett near school, church and good road. Price \$3,500, terms on part, or would exchange for smaller farm in Benton County. John E. Lemon, Gillett, Ark.

Carroll County Farm.—110 acres, 110 in cultivation, some good timber, all under woven wire fence; six-room house and one two-room house and outbuildings; family orchard; conveniently located on public road. Price \$35 per acre, easy terms on part. H. C. Karnes, R. 1, Berryville, Ark.

River Farm.—293 acres in a healthful location, near highway and school; two sets of buildings on place; fine for fruit, grain and stock farm. M. E. Ingram, R. 1, Bx. 24, Spring Valley, Ark.

Sharp County Farm.—Eighty acres, 10 cleared, 50 in good timber; located on good road, three miles from Williford; all land can be cultivated, part is level. Price \$1,000, terms if desired. Wm. E. Dunn, Dolph, Ark.

Newton County Farm.—160 acres, 30 in cultivation, plenty of fruit; located near Jefferson Highway, high school and postoffice; all land is very fertile, good range for stock. Will include crop, farm implements, stock and household goods for quick sale, reasonable price; terms on part. Grover Hudson, Parthenon, Ark.

Improved Farm in Yell County.—Forty acres, located two miles from Plainview, on rural route; 25 acres in cultivation, balance in pasture and meadow; four-room house and barn. Will sell or trade and will include stock and farm implements, low price. O. C. Green, R. 1, Ola, Ark.

Farm in Apple Belt.—Thirty acres, well improved, adjoining Gentry, one block from high school; all in cultivation; four-room bungalow and new barn; 500 apple trees. Price \$3,000. C. A. Downs, Gentry, Ark.

Fruit and Poultry Farm.—Twenty acres, located five miles north of Rogers, on rural route; 18 acres in cultivation, two and one-half acres in young orchard, 35 Elberta peach trees; small house and barn; poultry and brooder house. Price \$2,000. C. E. Fulker-son, R. 5, Rogers, Ark.

Carroll County Farm.—127 acres, 100 in cultivation, 65 in grass and meadow; six-room

house and outbuildings; conveniently located near school, church and public road, near Denver; price, \$4,000. P. A. T. Head, Denver, Ark.

Clay County Farm.—Eighty acres, 65 acres under fence in three fields, 60 in cultivation and pasture, all can be cultivated; six-room bungalow and outbuildings, two cabins on place. Price \$2,800; terms on part. S. C. Newton, R. 3, Rector, Ark.

Mineral Tract.—200 acres of mineral land in Sharp County, two miles northwest of Cave City; price \$25 per acre. J. H. Matlock, Box 14, Cave City, Ark.

Town Property.—Two-room house, small barn and cistern; located in Omaha, a town of 250 people; a good school and three churches in town. Will take \$300, cash. Daisy Andrews, Lowry, Ark.

Ideal Farm Home.—124 acres, located five miles south of Conway on hard surfaced road leading to Little Rock; 75 acres in cultivation, 60 in fine creek bottom land; splendid place for dairy, poultry, fruit, truck or general farming. G. A. Hullen, Conway, Ark.

Howard County Farm.—Seventy acres, 20 in branch bottom land, some timber, pasture and orchard; one-half miles from school, church and stores, three and one-half miles from the old Salt Works on Saline river, where oil wells are now being drilled. Price, \$25 per acre, or would consider a trade. A. M. Taylor, R. 1, Miner 1 Springs, Ark.

Truck Farm.—315 acres, adapted to truck and general farming; located seven miles from Horatio, 10 from DeQueen, near good school; six-room house, barn and three tenant houses in good repair. A. S. Neel, Horatio, Ark.

Truck and Poultry Farm.—Fifty acres adjoining Everton, a good school town, in the Ozarks; soil is dark sandy loam, all under fence, three-fourths tillable, balance in spring-watered pasture; three-room house and barn, small orchard. Price \$2,600 if taken soon, terms on \$1,000. J. A. Hlicks, Everton, Ark.

Farm Bargain.—Eighty acres, 50 in cultivation, good location for farming and dairy purposes; good improvements; near school and church; white neighborhood. Will sell stock, implements and household furniture. Mrs. J. B. Vinton, R. 1, Jacksonville, Ark.

Upland Farm.—Forty-three acres of strong upland adjoining the town of Maynard; good dwelling and outbuildings, young orchard; four acres fenced in for poultry yard, large feed lot for hogs; splendid corn, hay, cotton and small grain farm. Expect to sell \$2,000 worth of cotton off of 30 acres this year. Price \$3,000 cash, or \$3,500 with terms. Ben Choate, Maynard, Ark.

Farm in the Ozarks.—240 acres in Benton county will sell at bargain as it belongs to heirs and must be sold; 90 acres in cultivation, balance in timber, more can be cleared and cultivated; fine for fruit, berries or stock; good springs. Clear title, taxes paid. Price only \$12.50 per acre for quick sale. Buildings are in bad condition. Geo. W. Vansandt, R. 2, Garfield, Ark.

Poultry, Truck and Dairy Farm.—144 acres, art upland and part creek bottom, land is suitable for general farming and is splendid location for poultry, truck and dairy; 12 everlasting springs on place; half of land is in cultivation; price \$50 per acre. Everett Braddy, DeQueen, Ark.

Forty-Acre Farm.—This land is suitable for general farming and truck, and is a splendid place for a dairy; 18 acres cleared, some fruit; located two miles from Alexander, near B'n'khead Highway. Price, \$1,400. J. W. Shipp, R. 1, Box 62, Alexander, Ark.

Farm Near Charleston.—Seventy-three acres, 40 in cultivation, balance in pasture and timber; good house and outbuildings; one-half mile to school and church; good markets for all kinds of produce. J. S. Brooks, R. 3, Charleston, Ark.

For Sale or Exchange.—160 acres in Carroll County, 60 in cultivation, 100 acres in first class timber; all land is good and strong, family orchard and free stock range; buildings and fences are in good condition; near church and school. Would consider trading for smaller farm with difference or will sell for cash at a low price including stock, tools and crop. Jas. E. Braddock, Rudd, Ark.

For Sale or Exchange.—120-acre farm in Boone County, 80 acres in cultivation, family orchard, some berries and grapes; land lies well and will grow anything. 12 acres in meadow, 25 in pasture; five-room house and outbuildings. Will exchange for smaller place. Thos. Gann, Star Route, Harrison, Ark.

Madison County Farm.—170 acres located one and one-half miles from railroad town, 40 acres in cultivation, young orchard, also an old orchard; timber on place is worth \$750; four-room house. Price \$3,000. I also have some goats, sheep and horses for sale. Claud Thalker, Pettigrew, Ark.

Creek Bottom Farm.—120 acres, 60 in cultivation, everlasting running water, four-room house, barn, good out range; fine dairy farm, one mile from town and high school. Price \$3,000, half cash. H. C. Keck, Ash Flat, Ark.

Corn and Cotton Farm.—120 acres, rich smooth land, 50 acres in cultivation; five-room house and outbuildings, some fruit; located in a fine healthy country, two miles from town. Price \$2,000. H. C. Keck, Ash Flat, Ark.

Eighty-Acre Farm.—Located in Clay County, adjoining Corning; rich soil, fair improvements; lake and hunting grounds near; all land is level; will sell at a bargain. G. W. King, Bx. 455, Corning, Ark.

For Sale or Trade.—Twenty-three acres of good farming land, some woodland and pasture, six acres in young orchard, two and one-half acres in berries, some grapes; located three miles from town. J. S. McCollum, R. 2, Gentry, Ark.

Improved Farm.—160 acres, 50 in cultivation; one mile from school and church; good house and barn, orchard, meadow and pasture well watered. Price \$16 per acre. Geo. S. Doyrough, Millard, Ark.

Poultry and Dairy Farm.—56 lots located in Bergman, a good shipping point on the Missouri Pacific railroad; lots are in one tract, under fence and in cultivation, soil very fertile; five-room house and outbuildings, some fruit. An ideal place for poultry and dairying or small fruit. Price \$1,250. M. Lewis, Bergman, Ark.

Sixty-Acre Farm.—Thirty acres in cultivation, 2 or 3 acres of meadow grass, rest in woodland; four-room house and outbuildings located one and one-half mile from town. Price, \$1,200. Richard Cross, Denning, Ark.

White County Farm.—Forty acres, one and one-half miles from Beebe, in strawberry section, good house and good farming land. F. T. Ray, Newport, Ark.

For Trade.—160-acre farm, 100 acres in cultivation, balance in pasture and timber, located on highway, near school and church, six and one-half miles from county seat; soil is sandy and adapted to general farming, fruit and truck crops, is level and no wasteland. Wish to exchange for smaller farm. J. W. Turnage, R. 4, DeQueen, Ark.

Northwest Arkansas Farm.—20 acres, 60 in cultivation, 27 in meadow, fine outside range for cattle and hogs; well located, on public road; three-room house and large barn. Price \$2,000, or for \$3,500 will include 40 head of cattle, four mules, saddle horse and farm machinery. C. C. Ryker, Ryker, Ark.

Truck and Poultry Farm.—Located on highway, near District Agricultural School, one-fourth mile from McNeil; not leased, taxes low; good house and poultry houses. Will sell at bargain. Lewis T. Sanders, McNeil, Ark.

Farm in Northwest Arkansas.—Eighty acres in Washington County near Winslow; 40 acres in cultivation, 75 young fruit trees, land is level and well improved; three-room house and barn, spring water; a convenient and healthy location. Will include crop and stock for \$2,000, part cash, terms on balance. M. M. Doss, Sunset, Ark.

Creek Bottom Farm.—240 acres in southern part of Sharp County, four tenant houses with outbuildings; good strong land and well watered, would make an ideal stock farm; postoffice on farm; churches and school near; near Pershing Highway. Price \$8.50 per acre, part cash, balance on easy terms. E. O. Street, Levy, Ark.

Clay County Farm.—Seventy acres of hill land, two miles from county seat, near schools; all is under three-wire fence; 35 acres in cultivation under hog-proof fence; four-room house and outbuildings. Federal loan of \$556 due in 30 years; will take \$1,500, terms on part. T. A. Arnold, R. 1, Piggett, Ark.

Farm in the Ozarks.—Sixty-acre improved farm in the heart of the Ozarks, will sell or trade for land in Kansas or Idaho. Frank Carter, Gravette, Ark.

Poultry and Fruit Farm.—Forty acres, located five miles from Pettigrew; will sell or trade, easy terms on part. Carl E. Brough, Boston, Ark.

Benton County Farm.—Twenty acres, located on public road and near State Highway, three miles from Garfield; 72 assorted apple trees set this spring, near school; will take late model Ford Dodge touring car or restaurant. Ernest Poe, Garfield, Ark.

Two Improved Farms.—Two well improved dairy and stock farms in Boone County, fine for tame grass, clover, fruit and berries; located near railroad town, schools and churches. (1) 120 acres for \$5,700. (2) 150 acres for \$4,500. These splendid farms are offered at a bargain with good terms. Address D. A. Smith, P. O. Box 28, Everton, Ark.

Farm for Quick Sale.—160 acres; federal loan \$1,100. Will take \$1,000 for quick sale, including team, tools, corn crop and barn full of hay. W. A. Ingram, Higden, Ark.

Improved Fruit Farm.—Sixty-eight acres, 12 acres in fine apple orchard, other fruit; all soil is tillable; located three miles from town on good road, near school and church; good improvements. F. B. Lewis, R. 3, Box 49, Gravette, Ark.

Stock and Dairy Ranch.—Eighty acres, 35 in tame meadow, balance in pasture, some timber and fruit; located two miles from city, on highway; splendid farming land, convenient and healthy location, buildings are new. W. A. Nichols, R. 1, Box 160, Siloam Springs, Ark.

Fruit and Berry Farm.—160 acres, 120 cleared, 75 in grain, 12 in meadow, 25 in orchard, six in strawberries, one in blackberries; 10-room house, three barns, good pasture; located two and one-half miles from Siloam Springs over good roads. Price \$14,000, one-half cash. N. McFerron, R. 1, Box 36, Siloam Springs, Ark.

Forty-Acre Farm.—Thirty-four acres in cultivation and fenced, balance in timber, some fruit; three-room house, large barn and other outbuildings; located 16 miles south of Eureka Springs, one mile from church. Will sell cheap with terms. J. F. Williamson, Clifty, Ark.

For Sale or Exchange.—139 acres, located four miles from Siloam Springs; part in cultivation, good fruit land, fenced and cross-fenced; some timber, an abundance of water; one house, barn and other outbuildings; near church and school. Will sell at a bargain price, \$1,500, or would like to exchange for California city property, Oakland preferred. Mrs. M. A. Myhill, College Street, Siloam Springs, Ark.

Eighty-Acre Farm.—Located five miles from Hazen, near good school and churches; 50 acres cleared, balance in timber, land is free from rocks; modern three-room house, barn and other outbuildings, family orchard. Priced to sell. S. M. Raper, R. 4, Hazen, Ark.

Stock and Poultry Farm.—136 acres, located in northeast Arkansas, five miles from railroad town; 40 acres in cultivation, good cotton and corn, some clover and timothy, young orchard; splendid location for poultry and stock, free range. Price \$1,800. C. S. Spicer, R. 1, Bx. 38, Hardy, Ark.

Bottom Land Farm.—150 acres of rich alluvial soil, will make 60 to 70 bushels of corn or a bale of cotton per acre; 50 acres in cultivation; three tenant houses; located three miles from Weldon. Frank Claycomb, Weldon, Ark.

For Sale or Trade.—124 acres good land, in Stepprock valley, White County; 60 acres in cultivation, 40 more tillable, nice orchard; four-room house and outbuildings all new; a convenient location near cotton gin and grist mill. Would like to trade for a good business in a live town. J. T. Bullock, Stepprock, Ark.

Montgomery County Farm.—160 acres located in Montgomery County, nine miles east of Mt. Ida and thirty miles from Hot Springs; in bottom land, balance in timber and 20 acres in cultivation, 20 in meadow, and will produce anything grown in the south; six-room house and outbuildings; near school. Will take \$3,500 for quick sale. A. G. Sheffield, Silver, Ark.

Upland Farm for Lease or Sale.—Twenty-five acres to lease for one year or trade for Ford car or would sell; all in cultivation; located two miles from Bonnerdale and twenty-one miles west of Hot Springs, near Bankhead Highway, school and church; will include one pair of mares, five head of cattle, feed and farming implements. T. L. Louton, Bonnerdale, Ark.

Half-Section Tract.—320 acres of land, conveniently located near mail route and highway survey; price \$10 per acre. Mrs. W. B. Bridges, Fallsville, Ark.

Clay County Farm.—120 acres of land will be sold at bargain if sold within thirty days; located seven miles from railroad. C. C. Hancock, R. 1, Rector, Ark.

Crawford County Farm.—Eighty acres, located three miles north of Cedarville on main road from Van Buren to Washington; forty acres in cultivation, 18 in pasture, more than forty bearing apple trees, 60 bearing peach trees and 50 young ones, 50 plums of large varieties; good outlet for stock and hogs; conveniently located, near Lee's Creek. Will include stock if interested. J. I. C. Haygood, Cedarville, Ark.

Farm in Fruit Belt.—Forty acres of splendid fruit land in cultivation, three acres in grapes, three in blackberries, three in strawberries, four-room house and barn; near school, church and highway. Price \$3,500 with reasonable terms. M. A. Dorman, Farmington, Ark.

Fifteen-Acre Tract.—Fifteen acres of land partly broken, web wire fence, spring water, good range, plenty of timber; one house, corn crib and stable. James Wilson, Coza Home, Ark.

Poultry, Stock and Fruit Farm.—160 acres located one and one-half miles of Pindall, M. N. A. railroad runs through farm; 40 acres under fence, 20 in cultivation, enough timber to pay for place; one four-room house and outbuildings, spring water; will include all my stock if sold at once. Will sell on easy terms. W. W. Broofman, Pindall, Ark.

Two Montgomery County Farms.—(1) 153-acre creek farm, 70 acres in cultivation, land lays well and is productive, good buildings and fences, plenty of fruit; the best improved farm near. Price \$3,500, terms. (2) 80 acres, 40 in cultivation, tame pasture and hay, some fruit; good house and barn. Price \$1,400, terms. D. O. Friend, Route 2, Bonnerdale, Ark.

Large Farm.—160 acres of land for truck and general farming; plenty of timber; located near a resort and near school; oil and gas at \$1 an acre; will take \$800, half cash, balance on time; purchaser, will retain option of oil and gas royalty for two years at \$2,000 if agreeable. P. P. Parsons, Wickes, Ark.

Seventy-five-Acre Farm.—Located in Yell County, four and one-half miles southwest of Dardanelle; 50 acres in cultivation, 20 acres in timber; good dwelling and barn, two good wells of water; convenient to school and church. Price \$2,500. D. V. Tucker, Route 2, Dardanelle, Ark.

Fruit and Berry Farm. Eighty acres with young orchard and a variety of berries, 8 acres in clover and timothy, 37 acres cleared, good pasture, all land is under fence; six-room bungalow, barn, smokehouse and cellar. Will sell cheap or trade for town property. J. S. Gunn, Combs, Ark.

White County Farm.—Twenty-five acres of good valley land about half in cultivation; four-room house and outbuildings; a convenient and healthy location on public road, near church and school; lasting water and orchard. Price \$1,500. O. C. Coward, R. 3, Searcy, Ark.

Crow Mountain Fruit Farm. One hundred acres, located four miles from Galla, seven miles from Russellville, good roads; 75 acres in cultivation, ten of which is creek bottom, land, 1200 bearing Elberta peach trees, lots of apples, pears, cherries and grapes; five-room house and outbuildings, fine spring. Price \$52.50 per acre, terms on part. Robt. Owens, Russellville, Ark.

Improved Arkansas Farm.—222 acres located in Clark County near school and church, five miles to town; 80 acres in cultivation, 20 in pasture, 122 in timber; soil is red and gray loam; improvements consist of five-room dwelling, barn, silo, pot to house and other outbuildings; family orchard on place; practically all land is fenced with wire. Will include one pair of mules, 12 head of cattle, mowing machine and rake for \$20 per acre. Jeff Norton, Curtis, Ark.

Farm of 160 Acres for \$700.—160 acres of level sandy loam land located one and one-half miles north of Ben; good school and church; 15 acres in cultivation, 40-acre field not fenced, lots of white and black hickory timber, stove mill near; two houses and barns on place. Will sell for \$500 as I am too old to manage it. Mrs. R. J. Brown, Ben, Ark.

Carroll County Farm.—Sixty-two acres of good bench land, all in cultivation, some good hardwood timber. Price \$496, will take Ford car as part payment. W. L. Binam, Hill Top, Ark.

Residence for Sale.—Eight-room, two-story dwelling, furnished or unfurnished; nice grass, shade, fruit and outbuildings, wiring for lights and telephone; splendid neighborhood; nearly an acre of ground with property. Will take \$4,100 for quick sale, part cash. J. T. Janner, 247 N. Cemetery St., Fayetteville, Ark.

Ozark Farm for Lease.—Want to sell a three-year lease on one of the best 160-acre farms in Washington county; will include some stock and farm implements in sale. Mrs. E. A. Bates, Box 3, Brentwood, Ark.

Garland County Farm.—110 acres of sandy soil, 25 acres under fence, plenty of timber for use on place; two-room house and barn, three springs; store, school and sawmill near; telephone line and mail route. Located 12 miles from Hot Springs, good roads. Price \$1,000. S. N. Ritter, Bonnerdale Route, Hot Springs, Ark.

Dwelling for Sale or Trade.—Three-room frame house with barn, garage and other outbuildings, situated on a lot 75x300 feet; large bearing trees on place. Price \$1,000, half cash with terms on balance or will trade for small farm of equal value. D. W. Martin, Bentonville, Ark.

Forty-Acre Tract.—Forty acres of unimproved land, located in Crawford County, one mile from Schaferg, one mile to Walker station. Price \$15 per acre. Mrs. Williams, Newell, Ia.

Farm and Store Building.—On account of old age I am offering at a bargain my forty-acre farm and store building, located four miles south of Shirley in Van Buren County. M. Hodgson, Route 2, Shirley, Ark.

Van Buren County Farm.—Eighty acres at Lexington, three and one-half miles from Elba, on public road; 42 acres fenced and cultivated, home orchard; buildings are in bad condition. Will consider good Ford car as part payment. F. A. Barton, Marshall, Ark.

Thousand Acres Mountain Land.—Located three and one-half miles from Elba in Van Buren County. Will sell at bargain price, \$10 per acre. John Perkins, Arlberg, Ark.

Stone County Bargain.—Six hundred acres located west of Timbo, good level land; \$10 per acre. Mrs. Mary Farris, Timbo, Ark.

Calhoun County Farm.—103 acres, located two and one-half miles from Hampton, near school and church; 48 acres in cultivation; five-room house and outbuildings, small orchard. Price \$4,000. Mrs. Tennie Rowen, Box 73, Hampton, Ark.

Small Timber Tract.—Forty acres of unimproved timber land, located three miles from new highway, 14 miles from Jasper, county seat; well watered; clear title. Price \$200, terms. J. Bodine, Swain, Ark.

Poultry and Dairy Farm.—Eight acres, located in country town, Chapel Hill, on Bankhead Highway; a splendid place for poultry or dairying; four-room house and barn, small orchard of choice fruit; all under fence; plenty of Bermuda grass; oil prospects near; school on ground adjoining farm, church near. Will sell reasonably. G. H. Harvill, R. 1, DeQueen, Ark.

120-Acre Farm.—Forty acres in cultivation, all kinds of fruit on place; all fenced with wire; new house; located on public road near church and high school. Price \$25 per acre. Geo. Catterton, Tilton, Ark.

Small Timber Tract.—Eighty acres of timber land, located one mile from railroad, enough ties on land to pay for it. Price \$800, half cash, terms on balance, or will trade for smaller place partly improved. Geo. Catterton, Tilton, Ark.

Small Improved Farm.—Creek-bottom and upland farm, conveniently located near good school, church, store and railroad. Price \$1,000. O. E. Davis, Arkana, Ark.

Forty-Acre Farm.—Located half way between Harrison and Bergman on good road and near school; an ideal place for poultry and fruit farm; 5 acres in cultivation, balance in timber and pasture; small cabin and pond on place. Will sell for part cash with terms on balance, no incumbrance. W. J. Patton, Box 342, Avant, Okla.

Two Western Arkansas Farms.—(1) 120 acres of good fruit and farming land, located five miles north of Belleville; 65 acres in cultivation, good house, barn and tenant house; school and church near. Price \$1,600. (2) 120 acres in Logan County 10 miles north of Havana; suitable for fruit and general farming; good house and barn on place, 12 acres in cultivation. Price \$1,030. T. A. Barnes, Stafford, Ark.

Baxter County Farm.—166 acres of creek bottom and bench land, 60 acres in cultivation; new four-room house, orchard and cellar; free range, a splendid location for stock raising. Price \$20 per acre, terms on part; abstract title on debts. S. A. Bond, R. 1, Box 50, Mountain Home, Ark.

Carroll County Farm.—Forty acres of improved land, all fenced and cleared; five-room house, outbuildings and cement cellar; good pond on place; located three miles from good railroad town with high school. B. H. Gregg, R. 3, Green Forest, Ark.

Town Property in Rogers.—Two lots with good four-room house, plastered and painted; located in good residence section of Rogers, a little city of 4,500 population. Will sell or trade for small Arkansas farm, would consider a place as far north as Russellville or Morriston. Property is value at \$1,500. Mrs. I. W. Monroe, Route 4, Lone Wolf, Okla.

Forty Acres Fruit Land.—Forty acres of good fruit land, 1,000 grape vines, 100 peach and apple trees; four-room house, outbuildings and cellar; will include team of young horses, nine head of cattle and farm implements at a bargain price for quick sale. Lawrence Fenoglio, R. 1, Box 88, Hartford, Ark.

Eighty-Acre Farm.—This farm is conveniently located near church and school and Walker, Ark.; 60 acres in cultivation, good wire fence; two houses, barn and good water. Will exchange for town property or take a good car as part payment. Price \$3,500. G. H. Walden, Garner, Ark.

Ozark Fruit Farm.—Located in the heart of the Ozarks is this sixty-acre farm with 18 acres in young orchard, an abundance of good running water; school and church near; two miles from lively town. Mrs. M. O. Bell, Prairie Grove, Ark.

Two Farming Tracts.—(1) Ten acres of good fruit and berry land in a suitable location for poultry raising, an abundance of fine spring water; located in the southern part of Benton County near Gentry, school and church near. Price \$40 per acre, terms

on part; will take good Ford car as part payment. (2) Twenty acres of fruit and berry land, well improved; three acres in clover and timothy; two-room house; will include stock, poultry, farming implements, wagon, buggy and harness and eight tons of feed for \$1,600 cash. Roy B. Wilkes, R. 3, Gentry, Ark.

Cleburne County Tract.—167 acres of unimproved land located near Edgemont on M. & N. A. railroad; 30 acres has been cultivated; land is suitable for fruit and truck and is splendid location for stock and poultry raising. A bargain at \$5 per acre cash, or will make terms. L. C. Smith, Box 35, Traskwood, Ark.

Stock and Fruit Farm.—260 acres, located two miles from railroad town, Pyatt, on main road; most all land is fenced; good house on place; plenty of hardwood timber. Price \$3,700. C. H. Jones, Omaha, Ark.

Small Iard County Farm.—Thirty-nine acres of high gravel and rock land, located three-fourths mile from county seat, Melbourne; four-room box house and outbuildings; two acres in peach and apple trees, 25 acres under good fence. Good high school near. Will sell cheap for cash or terms. H. F. Moser, Melbourne, Ark.

Fruit Farm in Ozarks.—One hundred and twenty acres with plenty of apples, peaches, grapes and raspberries; 50 acres in cultivation, 40 in good timber; four-room house and outbuildings, stone sweet potato cellar. Price \$1,800, terms on part. G. P. Wilson, R. 1, Box 56, West Fork, Ark.

Improved Farm Near Atkins.—Eighty acres of improved land located five miles north of Atkins, land is in high state of cultivation; fine meadow, young orchard, one-half acre in grapes; new four-room bungalow; good roads here. Will include corn, hay, mules and cattle if taken at once. Would take a good Ford as part payment. O. I. prospects near. Will give terms to right man. Kay Eakin, Atkins, Ark.

Truck and Poultry Farm.—Thirty-six acres of good truck land in suitable place for raising poultry; 20 acres in cultivation, 16 in timber and pasture; located on good road two miles from railroad town; two-room house, large barn and poultry house. Will sell or trade. Mrs. Maggie MacKenzie, R. 1, Box 10, Ola, Ark.

Virgin Timber Tract.—Eighty acres of unimproved upland with enough virgin oak timber to pay for it; loam soil fine for cotton, corn and fruit of all kinds, located in the Highland peach belt. Price \$15 per acre, small government loan carried, balance cash. Miles A. Trawick, R. 1, Pearcy, Ark.

Faulkner County Farm.—Eighty acres of good bottom and bench land located ten miles south of Conway on Little Cypress Creek, 60 acres in cultivation, all can be cultivated; all land is under wire fence, orchard of various fruits and berries; three-room house and outbuildings. Price \$20 per acre with terms on part, or would consider trading for part payment for five or ten acres near Little Rock or some other good town. J. H. Collar, Conway, Ark.

Carroll County Farm.—Forty-six acres of improved land conveniently located on good road and near schools and churches; 43 acres in cultivation, fenced and cross-fenced, balance in timber; five-room house and two large barns, other outbuildings; plenty of water for family use and stock. Price \$2,350. J. R. Denton, Arena Pass, Ark.

Ideal Farm Home.—Sixty-acre upland farm, 40 acres in cultivation, balance in pasture, all fenced, two acres in orchard; six-room house and other necessary buildings; near school and church. Price right, reasonable terms. O. C. Austin, Pottsville, Ark.

Fruit, Berry and Grain Land.—One hundred acres, 50 in cultivation, 50 bearing apple trees, other fruit and berries for family use, 6 acres in strawberries and lots of grapes; corn grown on this farm took second prize at the Arkansas State Fair; three-room house, located five miles from Lincoln, three miles from Summers. Price \$3,030. W. E. McDonald, R. 1, Lincoln, Ark.

Forty-Acre Farm.—All land is fenced hog-tight, splendid land for growing sweet potatoes and watermelons; good location for poultry and stock, open range; no buildings on place; located five miles east of Gillett. Will sell cheap for cash. C. W. Marshall, Amyra, Ark.

Apple and Berry Farm.—Forty acres of improved land, located one and one-fourth miles from Marshall on pike road; 190 apple trees and a variety of berries on place, spring water; five-room house with large cellar. Also some stock, household goods and farm accessories for sale. Frank Barton, Marshall, Ark.

For Sale or Trade.—130-acre farm, absolutely level, all fenced and in cultivation, 40 or 50 ft. of water for irrigation if needed; wheat, corn and oats are principal crops. Also one eleven-room house on a four-acre block of land just one mile from farm; some berries and grapes on place, lots of shade trees, flowers and shrubbery, garage. Would trade for weekly newspaper or small suburban place in northwest Arkansas or Oklahoma. J. L. McKeen, Jr., Bentonville, Ark.

Sandy Loam Land.—220-acre farm in Clark County, 120 acres cleared, 100 in pasture and timber, two good orchards; land is adapted to the raising of cotton, corn, fruit and small grain; five-room house and outbuildings; located near school and church and on public road. The farm is completely equipped. Have a federal loan of \$2,200; will sell for \$5 an acre above the loan if taken soon. J. W. Still, Fendley, Ark.

Carroll County Bargain.—210 acres located 5 miles from Berryville, one mile from highway; good improvements on place including small cannery; will take \$20 per acre if taken before November 1; will sell all stock, tools and equipment at a bargain. Max Gunther, Berryville, Ark.

Fruit and Stock Farm.—Two hundred acres located one mile north of Combs, 30 acres in cultivation, 60 under fence, 25 acres to be cleared, plenty of fruit for family; three-room house and outbuildings. Will include team of mules, wagon, six head of cattle,

40 head of Angora goats, 15 head of hogs, 100 brown Leghorn chickens for \$2,500. J. S. Faubus, Box 21, Combs, Ark.

Sandy Loam Land.—Twenty acres in Crawford County, three miles north of Alma, near big gas field; 170 peach trees, 110 apple trees, one acre in strawberries, 17 in cultivation, 3 in timber; new four-room frame building, house and barn. Will include one pair of big mules, wagon, harness, tools and all farm equipment for \$1,500, half cash, balance on easy terms. C. L. Steinsiek, R. 5, Alma, Ark.

Fruit and Poultry Farm.—Sixty acres two and three-fourths miles from Siloam Springs, on highway; 15 acres in cultivation, a variety of fruit and berries, some timber on place; new three-room bungalow, garage and outbuildings; good spring water; fine place for poultry and fruit. Price \$3,500 on terms if desired. Would consider trade for northeast Oklahoma farm of same value or east Kansas. F. L. Palmer, Siloam Springs, Ark.

Cut-Over Land.—120 acres of cut-over land in Cleburne County in the foothills of the Ozarks, healthy location and good stock range; some tie timber on place. Price \$500 cash for quick sale. W. S. Halliburton, R. 1, Box 1, Armstrong Springs, Ark.

Benton County Farm.—Eighty acres located four and one-half miles from railroad town where there is a ready market for all kinds of produce and timber; 250 apple trees, 95 Elberta peach trees, one acre of blackberries, small vineyard, some alfalfa and hay; six acres of bottom land, 30 acres tillable, 20-acre pasture; four-room house and outbuildings. Will take \$1,700, \$1,000 cash. Will include apple crop and feed in barn. Will take a good car as part payment. Karl R. Manning, Hiwassee, Ark.

Upland Farm.—120 acres, suitable for fruit and dairying; 40 acres under fence, balance in timber; good water; outside range; near school and church. Price \$18 per acre. B. B. Bayless, Oakland, Ark.

Loncke County Farm.—120 acres, two and half miles from Carlisle, 90 acres in cultivation, 30 in pasture and timber, running water in pasture; large eight-room house, barn and other outbuildings; good bearing orchard. Price \$5,000, terms if desired. D. V. Stewart, Carlisle, Ark.

Dairy or Stock Farm.—134 acres of good creek-bottom and upland; two springs on place; ideal dairy or stock farm. Price \$1,100, cash or terms. Also small herd of registered Holsteins. S. G. Harnden, Watervalley, Ark.

Small Arkansas Farms.—Several small farms near White River, railroad and town; big dams going in will make this a prosperous section. Will sell on ten to twenty years' time. M. L. Chamberlain, Box 34, Batesville, Ark.

Fruit and Berry Farm.—Eighty acres, 75 tillable if cleared, 25 under fence, some timber on place; fruit and berries of various kinds; three-room house and outbuildings; located near county seat, school and church. Will include all stock, poultry, household goods and farm implements. Price \$1,000; half cash, balance on terms. Mrs. Anna Durby, Coza Home, Ark.

Farm Near Gentry.—186 acres located 7 miles from Gentry, a fine fruit and berry section; 80 acres in meadow, 30 acres in timber; 335 bearing apple trees, 6 acres in blackberries, 1 acre of strawberries; six-room house and outbuildings. Would like to trade for smaller place in eastern Oklahoma, Kansas or Missouri. A. C. Roger, R. 4, Gentry, Ark.

Two Farm Bargains.—(1) Forty acres, well improved all around and in cultivation; no hills, rocks or overflow, clay loam soil; located on public road one and one-half miles to Beebe, near school and church; six-room house and outbuildings, family orchard. Price \$3,500. (2) Eighty acres, slightly rolling, 12 acres cleared, balance is cut-over land; new three-room house, rent house and lumber to build stable; located one and three-fourths miles from Beebe. Price \$1,800 if sold at once. Will also sell farming implements and stock cheap. E. E. Sands, Box 66, Ward, Ark.

Forty-Acre Farm.—Located five miles east of Omaha, on good road and rural mail route; 10 acres cleared, fenced and in cultivation, land is adapted to general farming and is an ideal place for poultry or dairy; no buildings on place; schools and churches near. Price \$600 cash or will trade for dairy cows or Poland China hogs. Hayes, Elmer, Omaha, Ark.

Eighty-Acre Tract.—Located five miles from Hiwassee, will sell cheap if taken at once. W. G. C. Coleman, Hiwassee, Ark.

Washington County Farm.—120 acres suitable for a stock farm, also adapted to fruit raising; part is in cultivation, 20 acres of good timber; modern farm house on place; school and church near. Price \$850, would consider trading for a good Ford truck. Will include good team of mares, 7 and 8 years old. Judson Wilhite, Odell, Ark.

Farm Near Glenwood.—Forty-one acres of farm land located three and one-half miles from Glenwood; good three-room house, 10 acres in cultivation, balance in timber; spring water. J. W. Montgomery, Glenwood, Ark.

Small Tract Near Eureka Springs.—Seventeen acres, adjoining city limits of Eureka Springs; land is adapted to the raising of fruit and is an ideal place for poultry business which proves profitable in this country. Price \$650. Mrs. Maud M. Grimstead, Mundell Route, Eureka, Springs, Ark.

Farm Near Amity.—119 acres, 35 in cultivation, balance in oak timber, four acres in pasture, 50 under wire fence; located two and one-half miles from Kirby and eight miles from Amity, the nearest shipping point; splendid outcrops for cattle; near good schools; on daily mail route. The place is free from all leases and indebtedness. Price \$15 per acre. J. H. Self, Amity, Ark.

Two Tracts Near McGehee.—(1) Four and one-half-acre lot in Toney Addition, one mile east of McGehee. Price \$359 cash or terms. (2) Forty acres with over one hundred dollars marketable timber on it; located one-half mile from Arkansas-Louisiana asphalt pike, 7 miles from McGehee. Price \$500 cash or terms. C. S. Griffing, McGehee, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

CATTLE.

One registered Shorthorn male calf, also registered large Shorthorn herd bull, both roans. Warren L. Shipman, Viola, Ark.

A number of good breeding cows, consisting of Shorthorns, Herefords and Aberdeen-Angus, tuberculosis tested and passed as clean cattle. These cows are being offered at a real bargain in order to make room for different cattle to carry on Experimental Work. All are registered except two Shorthorn heifers which are now being entered for registration. State Agricultural School, Jonesboro, Ark.

T. R. King, Hope, Ark., is offering for sale his herd of fifteen registered Aberdeen-Angus cattle.

Claud Petit, Harrison, Ark., has thirteen head of purebred Shorthorn cattle for sale at a very reasonable price.

W. D. Self, 612 Boyle Bldg., Little Rock, Ark., is offering his herd of a bull and six cows and heifers of Scotch Shorthorn breeding. These cattle are at Brookland, Craighead County, Ark., and are priced at \$350 for quick sale.

H. M. Cottrell, Little Rock, has a purebred Jersey cow for sale, not registered.

R. T. Briant, Hope, Ark., has 15 head of Jersey heifers ranging from 12 to 20 months old. This is a good lot of purebred heifers.

Meese & Sons, Mountain Home, Ark., R. 2, has one purebred Holstein bull, four cows and three heifers, will sell cheap.

Joe D. Price, Ott, Ark., has a purebred Holstein male, one year old; will sell at reasonable price.

A carload of excellent registered Jersey cattle, none over six years old, 90 per cent under five years old; they are the best of breeders and in splendid condition. Write for full description and prices which are very low. W. B. Taylor Spring Valley Duroc Jersey Farm, Springfield, Tenn.

HOGS.

One Duroc sow, 30 months old, in good condition, brings extra large litters, write for price. J. B. Loudermilk, Archey, Ark.

Pure-bred Poland China, Duroc Jersey and Tamworth pigs, either sex, cholera immuned; price \$15 to \$25 each. F. O. B. Fayetteville. College of Agriculture, Fayetteville, Ark.

Registered Poland China gilts, \$10 each; crated F. O. B. Avoca. A. R. Hall, Pea Ridge, Ark.

Pure-bred Duroc Jersey pigs, ten weeks old; will sell or trade for pure-bred R. C. Rhode Island Red hens. J. A. Brown, R. 2, Springdale, Ark.

Registered Big Type Poland China hogs, all ages and either sex, these are prize winners and are priced cheap. Chas. E. Treese, Paragould, Ark.

Five young thoroughbred Poland China boar for sale or will trade for gilt. M. B. Updike, Oneal, Ark.

For sale or trade—Four young gilts and one boar, one and one-half years old; one sow due to farrow October 23. All purebred Durocs of Pathfinder-Sensation breeding. Will sell or trade for pure-bred Jerseys. Walter Brothers, Sulphur Springs, Ark.

HORSES AND MULES.

Fine bay saddle stallion, 16 hands high, 9 years old; price \$200. S. P. McColloch, Cane Hill, Ark.

Two mules, seven and four years old, \$150. R. E. Johnson, Moreland, Ark.

SHEEP AND GOATS.

Ten head of young sheep, priced from \$2 to \$5 each. J. Bodine, Swain, Ark.

One fine Toggenburg buck, one thoroughbred Saanen buck and two Toggenburg does. James L. Emery, Brentwood, Ark.

Angora kid bucks, priced from \$7.50 to \$12.50 each, depending upon quality and breeding. F. O. B. Fayetteville. Complete description and breeding of each animal furnished upon request. The Animal Husbandry Department, College of Agriculture, Fayetteville, Ark.

Sa-Nubian, Nubian and Saanen grade milk goats, mostly three-quarter does, priced from \$12 up, crated. Saahorn Farm, Box 183, Eureka Springs, Ark.

Two hundred goats, good stock, healthy and thrifty; price low. L. S. Dunaway, Seligman, Mo.

Milk goats, \$25 and up. Goat Ranch, Batesville, Ark.

POULTRY—FOR SALE.

Cornish Indian Game chickens. Price right. G. W. Pearson, Gaston, Ark.

A few R. C. R. 1. White cockerels, \$2 each; also a two-year-old cock of the same strain, price \$3, or will exchange for one of equal value as I want new blood to head the flock another year. Mrs. H. W. Smith, Box 136, Yellville, Ark.

S. C. W. Leghorn cockerels, from business and beauty strain, free range raised, \$3 and up. Evergreen Poultry & Stock Farm, Box 245, Mountain Home, Ark.

White Orpington pullets and cockerels, \$1 each; F. O. B. Avoca. A. R. Hall, Pea Ridge, Ark.

One pair of pea-fowls, four years old; the cock has his tail feather cut and can be shipped safely in coop. L. W. Forbes, Hackett, Ark.

Full blood Barred Rock cockerels, prize winners and from heavy egg-laying strain, \$5 to \$10 each; setting eggs in season. Roe Mobley, Box 7, Prairie Grove, Ark.

Eighty utility White Leghorn pullets, nineteen pure-bred Barred Rock pullets, all will soon be laying; 75 cents each. G. C. Jenks, Box 275, Kensett, Ark.

Five full-blood White Holland turkeys for sale; four hens, one gobbler. These are fine large white stock, will sell the whole bunch

for \$75, or separately, hens, \$15, tom \$25, all 2-year-old stock. Mrs. S. W. Moser, Franklin, Ark.

Single Comb Rhode Island Reds. Am crowded for room, will sell a few choice hens for \$1.50 each. Mrs. G. P. Eidson, R. 4, Springdale, Ark.

One two-year-old Mammoth Bronze turkey tom \$12, seven two-year-old Mammoth Bronze turkey hens \$10 each. April and May hatch toms \$10, hens \$8. All pure bred, beautifully marked. C. A. S. Bonds, Blevins, Ark.

Certified White Rock cockerels \$5 to \$10 each; yearling hens \$1.50; late April hatched pullets \$1.50. Mrs. Edna Cort, Philadelphia, Mo.

S. C. Big English White Leghorn cocks, March hatched, \$1.50 each. Mrs. L. H. Hall, Pangburn, Ark.

S. C. White Leghorn pullets, eggs and baby chicks in season. Mrs. E. B. Jackson, Bentonville, Ark.

Burbon Red turkeys, toms \$7 to \$10, hens \$5 to \$6. Mrs. E. B. Jackson, R. 3, Bentonville, Ark.

Mammoth pure-bred white Pekin drakes. Mrs. L. B. Stuckey, R. 3, Box 29, Stuttgart, Ark.

Fat poultry, either dressed or alive; also fresh eggs and whole milk. Would like to supply families living between Calico Rock and Little Rock. State price you would pay. Miss M. L. Taylor, Wideman, Ark.

Pure-bred bronze turkeys, hens \$5, toms \$8, trio \$17; this price only for early fall delivery. Also see S. C. White Leghorn hens, \$1 each. Mrs. E. A. Stantfield, R. 2, Rudy, Ark.

Six pure-bred Mammoth Toulouse geese; weight 15 to 20 pounds. Mrs. M. E. Stewart, Bergman, Ark.

Ancona pullets and cockerels; good layers of Shepard strain. Also brown Leghorn cockerels, pure-bred; will exchange two if pure-bred. Mrs. W. R. Housewright, R. 4, Hope, Ark.

Barred Rock cockerels, full blood heavy egg-laying strain and exhibition stock, \$5 to \$10. One cock \$10, and a number of breeding hens \$2, \$3 and \$5 each. Roe Mobley, Prairie Grove, Ark.

Twelve fine Ancona pullets, high breeding for \$12 if taken at once; only five months old and three or four laying now. Also thirty fine Narragansett turkeys; toms \$10 each; hens \$7 each. L. W. Forbes, Hackett, Ark.

S. C. White Leghorn cockerels, guaranteed pure stock; price \$1 and \$1.50 if taken at once. Mrs. D. C. Davis, Pangburn, Ark.

S. S. Hamburgs for sale or exchange; S. C. R. 1. Reds, cock \$2 to \$4, cockerels \$1.75 to \$10; pullets \$1.50 to \$3; dark red. Quality guaranteed or money refunded if not satisfied. Y. M. Mason, Waldron, Ark.

Bronze turkeys, spring hatched, \$10 per pair. Mrs. R. H. Reed, Board Camp, Ark.

Pure-bred single comb Brown Leghorn and Silver Spangled Hamburgs, cockerels, blue ribbon winners; price from \$1.50 to \$2.50 each. Cheaper if two or more taken at one time. W. F. Sudmeyer, London, Ark.

African White Guineas, price reasonable. Miss Edna Stambek, Charleston, Ark.

Have few Buff Orpington cockerels, weighing about 3 lbs. Price \$1.25. Also some fine Bronze turkey gobblers, weighing about 20 lbs., \$8. Mrs. Sam Puryear, R. 1, Box 15, Clifty, Ark.

Pure-bred White Wyandotte cockerels and pullets, spring hatched, \$9 a dozen. R. S. Scarlett, Box 45, Pine Bluff, Ark.

POULTRY—WANTED.

L. L. Wilhite, Gaston, Ark., wants to buy thorough-bred dark Cornish Indian game chickens.

SEEDS AND PLANTS FOR SALE.

Aroma strawberry plants, true to their name; orders can be filled from 30,000 to 50,000 plants. J. H. Patterson, R. 1, Pea Ridge, Ark.

Lemon lilies, day lilies and tube roses, 5c each; postage paid on orders amounting to 60c. Miss Lugilla Denson, R. 2, DeQueen, Ark.

Improved Mebane cotton seed, big boll, good staple, heavy lint producer. Joel Lambert, Holly Grove, Ark.

Packages of nest egg gourd seed 6c, or the egg, 10c; orange and lemon color marigold seed, 6c; drinking gourd seed, 5c; broad slick-leaf mustard seed, 6c; broom corn seed, 5c; sage, 10c; brown jack bean seed, 5c. Miss Etta Hivey, Wadsworth, Ark.

Apple oat seed. Thos. W. Newton, R. 5, Little Rock, Ark.

Cumberland raspberry plants, Aroma strawberry plants, Concord grape cuttings, prices on request; Industry gooseberry plants, \$2 per dozen, prepaid; one-year-old King David and Stayman winesap apple trees, \$2 per dozen, prepaid. Booking orders now. Geo. W. V. Nantz, Garfield, Ark.

Fifty choice Huckleberry bushes, \$1; 50 choice Blackberry bushes, \$1; 40 one-year-old Black Raspberry bushes, \$1; 60 Red Raspberry bushes, \$1; 40 Erskine Park, or 40 St. Regis Everbearing Red Raspberry Plants, \$1. All postpaid—inspected plants. J. C. Jay, Eureka Springs, Ark.

DOGS FOR SALE.

Hound dog, untrained, nine months old. Price \$35 if sold at once. W. M. Shock, Austin, Ark.

One female stock dog, Collie and Shepherd mixed, well trained, will trade for good coon and opossum dog. Also a .38 caliber Winchester rifle, 16-shot, in good condition, will trade for 16-gauge breech-loading shotgun. F. W. Warner, Pyrtt, Ark.

Poiter, male and female, English breed, two years old, trained, liver and white, guaranteed photo sent on request. Price \$35 and \$50. Puppies two months old; cross-breed German and English pointer color liver and

white, solid ticked, wormed. Price \$10 and \$12; will exchange, what have you. Y. M. Mason, Box 316, Waldron, Ark.

Coon, skunk, possum, squirrel, fox, wolf and rabbit hounds sold on 10 days' trial, guaranteed. Also tree hounds, tree shepherds and Walker pups. Prices right. Ray Langston, R. 2, Green Forest, Ark.

Black and tan tree hounds for sale. Murrell Johnson, Sonora, Ark.

Pure bred Pointer pups, liver and white color; ready to train this fall; \$20. Geo. F. Jones, 2421 West 13th St., Little Rock, Ark.

One Collie female, will exchange for anything of value. H. B. Chism, Danville, Ark.

One black and tan hound, male, one year old, fox and coon stock, partly trained, \$15, or will exchange for Poland China sow. Sidney Frazier, South Fork, Ark.

MISCELLANEOUS FOR SALE.

Dr. Honoria Austin, Strickler, Ark., offers for sale white, post red and black oak timber on a 160-acre tract, located near deep test oil well; truck road to Rudy. Price \$500 cash.

W. P. Daniels, Dermott, Ark., has one hundred bushels of bur clover seed which he offers at \$1 per fifteen pounds in the rough.

One Stodd Tractor attachment, fits any model ford, used very little, in good condition, will sell cheap. F. W. Beyers, R. 4, Green Forest, Ark.

Fancy mountain grown Jonathan and Grimes Golden, \$2 per bushel; Mammoth Black Twig, Wine Sap, Stymen Wine and Arkansas Blacks, \$2 per bushel; Gano and Ben Davis, \$1.50 per bushel, less in carload lots. Ozark Fruit and Poultry Farm, Siloam Springs, Ark.

Twenty yards new rag carpet; plain hit and miss; \$1 a yard. P. O. Box 54, Fallsville, Ark.

Ten thousand bushels each of northern potatoes consisting of Triumphs, Cobblers, Ohio and Green Mountains; grown on non-irrigated, semi-arid land near Canadian line, 2,000 feet above sea level. John Kassens, 11 Anderson Blk., Minot, N. D.

One good as new John Deere Cultivator with all attachments; will sell or trade for a mowing machine. Joe Keith, R. 1, Box 86, McKamie, Ark.

Klondyke strawberry plants, \$2 per thousand. Can ship them November to March. L. B. Berry, R. 1, Box 55, Havana, Ark.

New strawberry plants of the best varieties, State inspected. Write for prices. W. H. Nichols & Son, R. 2, Bald Knob, Ark.

Choice hound pups ready to be trained; from excellent tree stock on both sides, good colors. Avery Williams, Quitman, Ark.

Coon, opossum and skunk hound; also rabbit and deer hounds. Sold on guarantee. Roy Philpott, Box 463, Mena, Ark.

Complete farm equipment including horses, cows, hogs, chickens, implements, machinery and feed. Would like to trade for something of equal value. Robert Chesney, R. 2, Summers, Ark.

Fine extracted honey, well cared for; will ship either in tin or glass containers which you may keep. Price, \$2 per gallon, F. O. B. Huttig, J. T. Towns, Huttig, Ark.

Fruit trees, grape vines and small fruit plants for sale. The Lankford Nursery, Bergman, Ark.

Coon, opossum, skunk, squirrel, fox, cat, deer and rabbit dogs; also young untrained dogs and pups. Will give 10 days trial on all trained dogs, satisfaction guaranteed. A. F. Cooper, Knob Creek, Ark.

Haynes touring car, in good condition, four new tires and one spare tire. Would trade for good team or yearling heifers. A. Z. Blanchette, R. 1, Hensley, Ark.

Homeseekers Who Want to Buy Arkansas Farms

A. L. Fink, Light, Ariz., wishes to make his home in Arkansas and asks for literature.

R. C. Swain, Harbor Springs, Mich., wants a small farm, from two to forty acres, and wishes to be within fifteen or twenty miles of Little Rock.

R. E. McGill, Hotel Morrison, Twelfth and Hope Sts., Los Angeles, Calif., requests Arkansas information as he contemplates a purchase of land in the State.

Chas. J. L. Key, 1727 Valencia St., New Orleans, La., is interested in the country surrounding Hot Springs, its adaptability to fruit, pecan and poultry raising. He is also interested in homestead land.

Noah J. Morin, Hodgeville, Sask., Canada, requests Arkansas literature.

Nathan R. Baker, Westport, Ind., wishes to locate on a farm in Arkansas and requests literature.

W. F. Flanery, Kellyville, Okla., is interested in homestead land in Arkansas.

A. K. Lytle, Jr., 1526 E. 65th Place, Chicago, Ill., wants to buy from 80 to 120 acres in Arkansas. It may be improved or unimproved, but must be half tillable. Sloping land with good drainage, suitable for fruit raising is preferred.

Francis P. Weimer, 1401 N. Logan St., Lincoln, Ill., requests information concerning poultry raising in Arkansas.

John Welty, R. 1, Granada, Colo., is planning a trip to Arkansas this fall and asks literature on farm land in the State.

Michael Odland, Verdale, Minn., is interested in buying or homesteading land in Arkansas. He requests information concerning same.

Mrs. Fred M. Nelson, Lake Arthur, N. M., requests information concerning northern Arkansas as a suitable location for an apiary.

Mrs. Helen Matson, Box 93, Almont, N. D. wants to buy from 80 to 160 acres in northwest Arkansas with some improvements and not less than ten acres in cultivation; not over 12 miles from a railroad or cream station and at a price around \$700 or \$800, half cash.

O. V. Wingo, Morrilton, Ark., wants to find a new location on Crowley's Ridge in

Yellow Jonquil bulbs (double), 10 cents each, postpaid. Double Dutch Hyacinth bulbs (color pink), 10 cents each, postpaid. Lillian McClanahan, Havana, Ark.

Sage slips, 10 cents each or \$0 per dozen; dry sage, 10 cents per pack; red pepper, 10 cents for twenty-five. Miss M. L. Taylor, Wadsworth, Ark.

Winter cabbage plants, \$3 per thousand. N. E. Towns, Huttig, Ark.

Iowa cream separator, good as new, \$50. Mrs. W. W. Lacy, Gerster, Mo.

Grist mill, completely equipped and in first class condition. Would like to trade for something of equal value. W. W. Hubbard, Gumlog, Ark.

E. Spinks, Drasco, Ark., has cedar posts for sale at reasonable prices.

Six-hundred dollar sawmill, convenient to two years' supply of hardwood timber; located three miles west of Zack on Bear Creek. C. K. Goddard, Zack, Ark.

Blacksmith shop with tools, one Fairbanks-Morse kerosene engine and grist mill on one-half acre of land; two dwellings, barn and some fruit on three-fourths of an acre of land; lot located in a lively town where shop, mill or garage work is plentiful. Price \$700. R. L. Tice, Solgohachia, Ark.

WANTED—MISCELLANEOUS.

A. G. Graham, County Agent, Colfax, La., wants to purchase for one of his demonstrators a pair of good Berkshire pigs—a boar and sow that can be mated together.

W. I. Pelton, Traskwood, Ark., wants to hear from someone having English Berkshire hogs.

Peanuts, 100 pounds, from grower. Harvey Young, Summit, Ark.

A sawmill that will do custom work is wanted at Bonnerd le where there is an unlimited supply of timber; there is also a good opening for a Ford garage here. Write D. O. Friend, R. 2, Bonnerdale, Ark.

John F. Ilgrave, Forest, Indiana, who is an Agricultural Graduate of the American Civil Service School of Washington, D. C., and who has had wide experience in handling men and managing farms, wants a position as superintendent or foreman on a large plantation. He was born in the south and raised on a northern farm.

Roy Whitney, Garfield, Ark., wants to hear from persons having red raspberry plants for sale.

Steve Dudley, Box 44, Cisco, Ark., wants ten bushels of rye for planting this fall.

Mrs. Cynthia Powell, Harrison, Ark., wants a good farm in northwest Arkansas and would like to trade her six-room cottage and stock of groceries for same. There is one acre of ground with her property, some fruit and a garden spot.

A home in Arkansas where fruit, truck, poultry and dairying can be successful. Would like to trade a 320-acre farm in New Mexico for same. J. C. Driskill, R. 2, care O. H. Marshall, Austin, Ark.

Good citizens are wanted to purchase farms that are for sale in the vicinity of Gaston. L. L. Wilhite, Gaston, Ark., offers his services free of charge to home-seekers and will gladly answer all inquiries.

Wanted—Ten head Southdown sheep and a ram, two good Jersey cows, Barred Rock and R. I. Red chickens, Poland China brood sow. H. B. Chism, Danville, Ark.

Wanted—Situation by a dairyman, settled married man, ten years' experience. J. H. Manson, Carlisle, Ark.

Wanted—Location for home. John B. Hollingsworth, Gaston, Ark.

Wanted—Apples, peanuts, vegetables, canned tomatoes, etc. Goat Ranch, Batesville, Ark.

Craighead, Greene or Clay County.

Neal R. Polk, 2504 E. St. Crockett, St. Greenville, Tex., wants to establish a fruit farm in Arkansas and is interested in Government or low priced land.

J. C. Carson, Box 84, Pearland, Texas, with some friends are looking for a location in the hill country of Arkansas.

A. S. Henson, Star Route, Forgan, Okla., wants to come back to Arkansas to live and would buy a reasonably priced farm.

L. F. Connor, 2404 Southern Ave., Shreveport, La., says he intends to locate in Arkansas in time to make his next crop. He wants to buy a good farm.

A. C. Palmer, R. 3, Box 74, Indianapolis, Ind., wants to buy a 160-acre farm in northwest Arkansas suitable for poultry and dairying, on good road, near town, with 5-room house; has \$1,000 cash.

C. J. Cooper, Sago, Colo., is interested in homestead land in Arkansas. He would like to exchange his property in southwestern Colorado for land in Arkansas.

Joe Decker, R. 3, Box 21A, Halstead, Kan., is interested in Arkansas, especially Dallas, Clark, Grant and Hot Spring counties.

Geo. H. Luther, 747 N. Wilton Place, Los Angeles, Calif., is thinking of investing in Arkansas land and asks for literature.

F. O. Barker, 6508 Sunset Boulevard, Hollywood, Calif., requests literature concerning the resources and possibilities of Arkansas as he would like to invest in land here.

Arkansas information has been sent by request to J. C. Woodmancy, 1771 N. Vine St., Los Angeles, Calif. He is contemplating an investment in land.

W. P. Bozeman, Pleasant Hill, La., is seeking a location in the Ozarks of Arkansas and asks for our literature.

John C. Bailey, Sweet Grass, Mont., is thinking of locating in northwest Arkansas and asks for information concerning its resources and possibilities. He would like to trade his property near Tampa, Fla., for a modern suburban home where there is natural gas for heating and cooking.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

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VOLUME 9—NUMBER 6

LITTLE ROCK, ARKANSAS

November, 1923.

Shortest Cotton Crop Since 1905 is Responsible for Alarming Scarcity of Cotton Seed for Planting

WHAT are we going to do for seed to plant three million acres of cotton in 1924? With a crop of 680,000 bales there was made this year only a little more than 300,000 tons of seed. Much of this seed was sold to the oil mills in the early part of the season before it was known that the crop would be short and a great deal of the seed from late picking is damaged by the boll-weevil and wet weather.

Arkansas faces the most acute shortage of planting seed the cotton planter has ever known. From 50,000 to 150,000 tons of seed will be needed to plant the same acreage that was in cotton in 1923.

Buyers from other States are now in Arkansas seeking to obtain stock of seed for speculation. These seed will be offered to the growers in the spring at three and four times the price now being paid for them.

Farmers are warned not to sell their seed until they are sure they have a sufficient supply for planting and that their neighbors are supplied.

The advancing price of cotton will encourage the planting of a large acreage in the Spring and this demand, coupled with the unusual scarcity of sound seed, will, it is believed, send up the price of desirable planting seed to the highest levels ever known.

This situation makes it necessary for every grower of cotton in Arkansas to hold his seed or at least hold enough to provide for his planting needs.

Not only should these seed be kept from the market but they should be hauled from the gin and stored in a suitable place where they will be protected from the weather and safeguarded against overheating. On the larger plantations provision is made for the cleaning, grading and storing of planting seed. On smaller farms the same care should be exercised. Cotton seed stored in bulk are likely to heat and spoil. It is much better to sack the seed and stack the sacks in piles under a good roof, with poles or two-by-fours laid cross-wise to give plenty of air space.

Seed cared for in this way, if from mature bolls grown on sound stalks, will stand a satisfactory germination test in the Spring. Weather conditions this year have been so peculiar that all seed should be tested for germination before planting. It is believed that a great deal of the seed from late picking has been damaged by both insects and the weather. It is much



Clean Hogs in a Clean Home Keep Clean.

easier to find out whether the seed will grow by testing them in a wet rag than it is by planting them in the ground.

The grower will risk little by holding his seed. The buyers will probably be willing to pay more for them in the Spring than they are paying now and if it is found that the supply is more than the planting demand requires, the surplus can be sold.

On the first of November cotton seed were selling under \$50.00 a ton. It is probable that there will be advances before this paper reaches the reader, and prices will continue to advance as the shortage becomes more generally known. This will not only affect the seed situation but it is going to cause an advance in stock feeds, especially those used by the dairymen. Arkansas will probably need all of the cotton seed meal and cake that she can produce this year and it will not

have large quantities for export as it has in normal years. This foreshadows a winter of high priced feeds and the farmer who looks ahead and provides for his stock with this condition in mind will be at an advantage.

Home grown seed and home grown feed are the best if we can get these supplies in the quantity and at the price that suits us. The seed may seem plentiful now but they will not be so in the Spring when we will need them. Feed may seem to be reasonable in price now at harvest time just after a selling rush, but later on when everybody is wanting feed and nobody is producing it, the prices may not at all be in line with our notions. There is only one thing for us to do and that is to save what we have and make the most of our limited supply.

If the farmer has to pay a big price for his seed, a big price for his labor and a

big price for his fertilizer, he is not going to make very much out of growing cotton even though the prices should stay around where they are now.

The Government sadly missed its early guesses on the 1923 production of cotton in Arkansas. The August estimate was 948,000 bales, the September estimate 926,000 bales and the November 2nd estimate slumped off to about half of a normal crop—680,000 bales. The latter figure is consistent with the reports of ginnings and with the general opinion of observant people in the cotton-growing area. Not only have the statisticians at Washington been fooled by the unusual crop conditions, but some 3,000 local crop reporters, who two months ago were hopeful of a 900,000 bale crop or better, now realize that there has been an unlooked-for and almost complete fall-down in production toward the latter end of the season. After braving the attack of the boll weevil and repeated assaults of the leaf worm the cotton crop, which was thought to be safe from other dangers, was visited in July and August by several heavy rains. These rains caused an unprecedented shedding and in some localities the loss was so heavy the pickers quit the fields and the gins have closed for the season. This explains the reduction of 300,000 bales in the Government estimate of Arkansas production. Instead of producing 1,200,000 bales from 3,000,000 acres as it did in 1920, Arkansas will produce only 680,000 bales, the shortest crop since 1905.

The loss was heaviest in the Eastern and Southern parts of the State. Mississippi, usually the banner cotton county of the State, will this year produce a very small crop. Miller and Little River counties, with a very poor prospect, will produce nearly a normal crop. The reduction in other parts of the State was around 50 per cent of a normal crop. Very little cotton remains to be picked in any part of the State. Not in the history of the crop reporting service in Arkansas has there been such a sudden and surprising fall-down of the crop at the end of the season. Usually the heaviest damage to the crop occurs in the growing period and is caused by insect attack or unfavorable weather. This year the cotton plant had to fight every enemy known to cotton culture. The loss to the farmers of the State amounts to many millions of dollars. This loss will seem heavier, too, because of the subsequent advance in the price of cotton.

Barred Rock Hen From Dumas is State's Champion Egg Layer

In the Ninth Annual State Egg-Laying Contest a Barred Plymouth Rock, owned by Coke Cotham of Dumas, Arkansas, was the winner. This hen quit laying October 15, but in the period between November 1, 1922, and October 15, 1923, she laid 289 eggs. Those in charge of the contest say that she has made the highest official record for an Arkansas hen. The official record that nearest approaches the one made by Mr. Cotham's Barred Rock, was made by a Single Comb White Leghorn that, in an egg-laying contest at Monticello, closing November 1, 1922, laid 283 eggs. However, the White Leghorn was not an Arkansas bird. She belonged to Geo. B. Ferris of Grand Rapids, Michigan.

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**STATE BUREAU OF MINES, MANUFACTURES AND
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JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request, without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



YOUNG POTATO GROWERS MAKE MONEY ON CO-OPERATIVE CROP.

Ninety boys and eight girls who composed the Garland County Junior Potato Growers Association have just completed the co-operative marketing of their 1923 potato crop, the growing of which was financed by the Lions Club of Hot Springs. On one-eighth of an acre there was grown a total of 786 bushels of No. 1, and 522 bushels of No. 2 potatoes. An average of 14 2-3 bushels per member.

The amount received for the No. 1 potatoes was \$1,040.76 and for the No. 2 stock \$603.66, making a total of \$1,644.42 or \$16.79 per member. It cost an average of 51 cents a bushel to raise these potatoes, which sold for \$1.25 a bushel, leaving an average net profit of 74 cents a bushel.

The members making the six best yields were Vera Parsons, Hawes, 27 1-2 bushels; Hazel Johnson, Mountain Valley, 24 bushels; Cleborne White, Percy, 23 bushels; Clela Johnson, Mountain Valley, 22 bushels; Homer Golden, Hawes, 21 1-2 bushels; D. L. Ewing, Route 1, Hot Springs, 21 bushels.

Seven of these members have started bank accounts with their earnings and all have learned a practical lesson in the growing, grading and marketing of potatoes.

The young co-operators were instructed in the various phases of their work by the county agricultural agent, Steele Kennedy, and the home demonstration agent, Mrs. Sarah Trussell.

PLANT BOARD HALTS ARGENTINE ANT AT ARKANSAS STATE LINE.

The Argentine ant eradication campaign which was conducted in Texarkana last fall by the State Plant Board has been highly successful, according to a statement issued by the State Plant Board. In order to eradicate this destructive pest the Plant Board conducted an eradication campaign on about 40 blocks on the Arkansas side of the line. Deputy Inspector Paul H. Millar has just completed a survey of 29 treated blocks and five untreated blocks. His report to the chief inspector follows:

"A house to house canvass of 29 treated blocks on the Arkansas side of the line showed that the campaign against the Argentine ant last fall was very satisfactory. Sixty-five per cent of the homes report very gratifying results. In these homes the ants have been either completely eradicated or they have been so nearly eradicated that few signs of them have appeared one year after the treatment. In 15 per cent of the homes the campaign could not be considered altogether satisfactory. To get a fair comparison of the effectiveness of the campaign five untreat-

ed blocks were canvassed. With very few exceptions ants were as bad or worse in the homes of these blocks as they were last year. In a great many places where they were not so bad people had followed up the board's campaign by putting out ant poison at their own expense.

Many housekeepers are anxious to have the board put on a follow-up campaign with a view to cleaning up some of the ant colonies which escaped last year. One housekeeper reported that she had been bothered with Argentine ants for 12 years and that the ants had left her premises 20 minutes after the poison had been put out and had not returned. Numbers of others reported that their homes were free of ants for the first time in four or five years.

In many cases ants were so bad that they got into beds. The Meagher Memorial Hospital reported that ants were so bad last year that they got into patients robes, but that no ants had appeared since the campaign.

"There can be no doubt as to general effectiveness of the campaign. It would have been more successful if we could have had greater co-operation from the people of Texarkana."

The Arkansas farmer will wonder why so much effort is made to eradicate this ant and the answer is, that the Argentine ant is a serious agricultural pest. It causes heavy losses to crops. It is almost impossible to keep bees in ant infested territory. The ants also make chicken raising difficult. To growing crops they cause their damage indirectly. These ants have the habit of protecting plant lice, scale insects and other pests for the sweetened substances which they secrete. In doing this they drive off all sorts of parasites which usually keep such pests in check. In infested citrus groves of Louisiana scale insects are always many times more injurious when the Argentine ant appears and the first problem in controlling the scale insects is to get rid of the ants. If the Argentine ant becomes established in Arkansas there will be many plant lice and scale insects which will cause the farmer losses and which he does not know anything about at the present time because of the various natural parasites which Nature has provided to keep down these pests.

FARM LAND TAX RATE COMPARED BY STATES.

The statement below contains for each state the average amount of state and county taxes paid by farmers per acre of land, the average value per acre of all plow lands, and the average value per acre of harvested crops as estimated by the United States Department of Agriculture for the year 1922. There is also shown the percentage which the taxes paid bears to the land values and to the crop values. The states are arranged in the order of

taxes paid per acre from lowest to highest amount.

	Tax Paid Per Acre	Value of Plow Lands	Crop Value Per Acre
Arizona	\$ 0.07	\$ 115	\$50.44
Montana	.16	23	13.55
Alabama	.27	23	27.03
Georgia	.30	28	20.71
N. Mexico	.33	41	18.33
Virginia	.34	43	35.08
S. Carolina	.35	35	27.57
Texas	.35	47	27.43
Missouri	.39	65	11.09
ARKANSAS	.39	33	33.26
Wyoming	.39	37	14.59
Utah	.42	90	26.96
Nevada	.43	70	26.47
N. Carolina	.44	49	48.57
W. Virginia	.52	42	32.72
Kentucky	.52	47	35.51
Tennessee	.53	47	29.62
Oklahoma	.57	41	15.54
Maine	.60	35	28.89
N. Dakota	.63	37	11.11
Kansas	.63	60	12.74
Vermont	.65	45	34.22
Florida	.65	37	52.99
N. Hampshire	.67	41	35.04
Nebraska	.67	101	13.82
Mississippi	.67	25	32.02
Delaware	.68	50	31.94
Colorado	.68	61	16.93
Washington	.70	90	29.99
Louisiana	.77	31	32.77
Oregon	.78	90	25.37
California	.78	128	59.39
S. Dakota	.80	72	11.37
Maryland	.85	49	32.53
Minnesota	.91	87	16.10
Rhode Island	.99	86	49.63
Connecticut	.99	58	67.31
Pennsylvania	1.11	54	30.52
New York	1.13	62	31.03
Massachusetts	1.20	69	65.89

Illinois	1.23	131	20.16
Wisconsin	1.23	87	25.04
Ohio	1.24	78	23.55
Idaho	1.40	85	24.76
Iowa	1.49	163	20.95
Michigan	1.58	60	22.04
Indiana	2.09	85	19.28
New Jersey	2.22	84	52.58

FORTY-NINE COUNTIES TO CON- TINUE DEMONSTRATION WORK.

Acting Director Reid of the Co-operative Extension Work furnishes *The Bulletin* with the following list of counties in which demonstration work will be carried on in Arkansas during the coming year. Re-assignment of men and women agents has not been made for 1924, but there will be, it is understood, very few changes in the personnel.

TWO MEN AND TWO WOMEN.

Sebastian county, Logan county.

TWO MEN AND ONE WOMAN.

Jefferson county, Mississippi county, Pulaski county.

ONE MAN AND ONE WOMAN.

Ashley county, Arkansas county, Benton county, Boone county, Bradley county, Carroll county, Crittenden county, Cross county, Clark county, Conway county, Faulkner county, Garland county, Hot Spring county, Howard county, Independence county, Lafayette county, Lawrence county, Lincoln county, Lee county, Little River county, Lonoke county, Jackson county, Miller county, Monroe county, Newton county, Phillips county, Pope county, Prairie county, St. Francis county, Saline county, Searcy county, Washington county, Woodruff county.

MAN AGENT ONLY.

Cleburne county, Calhoun county, Randolph county, Scott county, Stone county.

WOMAN AGENT ONLY.

Cleveland county, Desha county, Ouachita county, Union county, Van Buren county, White county.

Homeseekers Who Want to Buy Arkansas Farms

INQUIRIES.

C. L. Holland, editor of the Prospect News, Doniphan, Mo., is in touch with a merchant and canning factory man who is looking for a location in Arkansas, five or more acres on good road, near school, at country postoffice, cross roads or other community centers.

W. S. Gibbs, 224 Peoples Bank building, Indianapolis, Ind., is looking for a location in Arkansas.

W. O. Bacon, 373½ West First street, Elmira, N. Y., wants to buy 160 acres of low-priced land in Arkansas.

Roy C. Sawyer, Augusta, Ark., makes inquiry about land along the Hot Springs pike, west of Little Rock.

K. H. Kelly, 123 West Elm street, Hillsboro, Texas, and his brother, John F. Kelly, Morgan City, Miss., are thinking of moving to Arkansas.

W. J. Scarrow, Box 152, Berryville, Ark., wants to trade some land in Wyoming for a farm not more than two miles from Berryville.

A. E. Meyer, 422 Hiland Bldg., Pittsburgh, Pa., is in the market for a large tract of timber land near the railroad.

J. B. Mummert, 910 East 6th street, Winfield, Kan., asks about state and government lands. He has some property that he would like to trade for an Arkansas farm.

E. S. Hull, 1215½ East Douglas street, Wichita, Kan., asks about government land in Marion county.

George Stiner, Craig, Mo., wants from 10 to 80 acres of creek bottom land in the hill section.

M. B. Wingo, Route 2, Morrilton, Ark., wants to buy or rent 10 to 40 acres of land near station, not more than 15 miles from Little Rock or Hot Springs for poultry ranch.

A. H. Eason, Route 5, Brownsville, Tenn., asks about land in the Ozark mountains.

Chas. L. Bonham, General Delivery, Watts, Cal., inquires about land around Little Rock.

J. Ernst, 648 Tower Grove avenue, St. Louis, Mo., is interested in Arkansas lands.

Henry C. Lewis, R. 3, Bon Aqua, Tenn., is planning to visit Arkansas soon on a prospecting trip and has been furnished with a map of the state and literature descriptive of each county.

A. B. Reich, 507 Sherman St., Mankato, Minn., wants to come to Arkansas and has been sent an Arkansas Handbook.

F. Swanson, R. 1, Box 5, Sidney, Mont., is looking for low price farming land.

Martin Perry, 8821 Elm street, Los Angeles, Cal., is a prospective settler.

Nels O. Anderson, R. 2, Saybrook, Ill., asks about land in Stone county.

Melvin Watson, Box 93, Almont, N. D., wants to trade for a farm in a milder climate.

Henry H. James, Box 814, Mobridge, S. D., is looking for a location in this state.

J. M. Brengle, care Arlington hotel, Sheldon, Ia., is coming to Arkansas on a prospecting trip this winter.

W. T. Halliday, 613 Ewing St., Nashville, Tenn., has some good lands in Arkansas and wants more.

W. H. McNatton, Columbus Junction, Iowa, wants to obtain a farm in White county.

W. F. Hale, 700 Rogers Ave., Springfield, Mo., is looking for a location for a custom feed and meal mill.

S. W. Owens, Smithville, Mo., wants to buy some farm land on which he can grow corn and alfalfa.

Mrs. Amy Martin, 323 South Cherry St., Ottawa, Kan., is interested in northwest Arkansas.

Frank Tyson, Southhampton, Pa., wants to know if there is any state land for sale in Newton, Searcy, Perry or Van Buren counties.

Wells Faulkner, 1909 Filmore St., Amarillo, Texas, wants to buy a 40-acre or 60-acre farm in Benton or Washington county.

Albert W. Nelson, 239 West St., Ft. Collins, Colo., makes inquiry about land in the Ozarks.

FARMS FOR SALE

TWO FARM BARGAINS—100 acres nine miles from railroad; 50 acres plowed and abundance of spring water; \$5 per acre. Also 40 acres half mile from railroad station, \$10 per acre. J. W. Brown, Pettigrew, Ark.

FOR SALE OR TRADE—270 acres, seventy acres in cultivation, remainder in pasture and timber; 100 acres of fine clay soil suitable for corn, cotton or hog raising; well watered; farm house with three large rooms; other out buildings. Three miles from town and one mile from school and church. Will exchange for small farm or sell for \$3,000. Willis Berry, Franklin, Ark.

IMPROVED FARM—254 acres in Washington county, ten miles from county seat and university; 160 acres in cultivation, rest in timber, all tillable; seven acres strawberries, young orchard, two good barns and house. Three-quarters mile to school. Write for terms. Mrs. J. H. Johnston, Route 1, Box 115, Fayetteville, Ark.

WASHINGTON COUNTY FARM—25 acres in orchard, mostly apples, full bearing, Grimes Golden, Jonathan, King David, etc., 30 acres in woodland pasture and balance in alfalfa, timber and some grain land. Suitable for stock as well as fruit. About 117 acres in all. Walnut Hill Fruit Farm, R. 1, Fayetteville, Ark.

SEARCY COUNTY LAND—4,000 acres, prices ranging from \$3 to \$5 per acre. F. T. Maxwell, Witts Springs, Ark.

WASHINGTON COUNTY FARM—82 acres; 60 in creek bottom; improved; 22 acres in timber; good buildings and level road; 12 miles from Fayetteville. Price \$4,000; terms. D. T. Brinnell, Prairie Grove, Ark.

FOR SALE OR TRADE—256 acres good alfalfa and stock farm, well improved. Price \$3,500. Good terms. N. D. Cantwell, Three Brothers, Ark.

POLK COUNTY FARM—55 acres about 25 in cultivation, two springs, plenty of fruit and wood, four-room house with storm and fruit cellar and small pole cribs. Price \$800. Also have organ, three beds, stove, dresser, wardrobe and other household goods. Five good cows, four calves, one 2-year-old heifer, one mule and one pony. Will sell complete for \$1,200. Henry Stork, Route 2, Vandervoort, Ark.

SHARP COUNTY FARM—200 acres suitable for corn, cotton and fruit growing; four-room house and tenant house, good outbuildings; on country road and mail route, near school and church; farm in good shape; seven miles from Cave City. Price \$6,000. W. D. White, Cave City, Ark., R. 2, Box 19.

FOR SALE OR TRADE—160 acres, 65 acres in cultivation, rest pasture and timber; two sets improvements; good orchard and plenty of water. If taken by December 1st will sell \$10 per acre, one-fourth cash. Will trade for town property or Ford truck. O. E. Calloway, Amity, Ark.

APARTMENT HOUSE—Two-story, 14-room apartment building, furnished, large porches and shade trees; 75-ft. frontage and one block to lake and parks; beautifully located and in excellent condition. \$8,000; half cash and terms on balance. Mrs. E. D. West, Siloam Springs, Ark.

PEACH AND APPLE ORCHARD—40 acres, 23 acres in cultivation, well water and spring, two dwelling houses and two cook rooms, hallway and porch; price \$600. Terms. Dr. Z. T. Reynolds, Swain, Ark.

FOR SALE OR TRADE—90 acres in Marion county, two miles from Everton; quarter of a mile of rural route; 50 acres in cultivation and ten acres bottom land; sandy loam soil; good springs and two sets of improvements; some fruit and close to school and church. Will divide 50 acres, \$1,200; or 40 acres, \$800. J. A. Norris, Everton, Ark.

THREE FARM BARGAINS—89 acres in Newton county, with two-room house, small barn, some of the land cleared, balance in timber; also 79 acres in Newton county, well improved, five-room house and several outbuildings, fenced, good water, on mail route and convenient to church and school. Price \$1,200. Also 45 acres improved land in Johnson county; everlasting spring water. \$400 if sold at

once. Address P. O. Box 54, Fallsville, Ark.

FARM BARGAIN—150 acres rich alluvial soil; fifty acres in cultivation; level, well drained, no rock, gravel or sand; 3 1-2 miles from railroad; about 80 acres fenced, three small houses; about 120,000 feet of fine cypress; all tillable; terms on part. Frank Claycomb, Weldon, Ark.

FARM NEAR IMBODEN—100 acres, 1 1/2 miles from Imboden, 70 acres in cultivation; makes good corn, cotton, alfalfa, clover, wheat, etc.; five-room house, other buildings; orchard. \$5,000. J. L. McKamey, Imboden, Ark.

NORTHWEST ARKANSAS FARM—160 acres, good improvements; well fenced; 50 acres in cultivation; fruit of all kinds; 100 acres fenced; tame grass and timber; on Missouri Pacific railroad; 2 miles from Bergman; one-half mile from Keener. Price \$2,500; \$1,000 cash and balance liberal terms. L. P. White, Keener, Ark.

GOOD FARM BARGAIN—66 acres of good level land on public road, one large house, one three-room house, large barn and outhouses; good water and pastures, timber and springs; very cheap. R. C. Seward, McNeil, Ark.

RANDOLPH COUNTY FARM—150 acres, 100 acres in cultivation 40 acres in creek bottom; three good springs, about one-fourth mile apart; barn and house, good bearing orchard; six miles from Pocahontas, county seat, near church and school. Price \$700 if taken by December 1st; terms if wanted. E. Y. Jenkins, care Bill Taylor, Pocahontas, Ark.

TIMBER TRACT—1,000 acres timber, on Tomahawk Creek, 12 miles from Sylamore; white oak, red oak, hickory and sweet gum. C. C. MacLuckie, Mountain View, Ark.

FARM BARGAIN—20 acres in Van Buren county; mile to school and church; four miles to railroad town; eight acres in cultivation, bottom and bench land; also some timber; 50 bearing pear and peach trees, also 75 apple and cherry trees; three-room house with outbuildings; good water and fine garden. \$400. Chas. C. England, Plant, Ark.

FARM BARGAIN—120 acres, 50 acres in cultivation, balance pasture and timber; all tillable and practically level; six-room residence, closed hall, porches, pantry and closets; barns and outbuildings; two splendid wells, all improvements made within last four years; on rural route and graded road, three miles from Warren; beautifully located and desirable for poultry, fruits, etc. S. P. Rial, Warren, Ark.

STOCK AND POULTRY FARM—150 acres, 2 1-2 miles from White river; 60 acres in cultivation; good three-room house; running water and natural pond; schools and church, near one of best towns in State. Price \$3,000. R. E. Marchant, Calico Rock, Ark.

SIXTY-FIVE ACRE FARM—30 acres in cultivation, balance in timber; four-room house and barn, outbuildings; some fruit, near school and church on highway. Land is excellent for poultry raising and fruit growing. A. B. Manor, Conc, Ark.

GRANT COUNTY FARM—40 acres, 3 1-2 miles from the Prague well and 2 1-2 miles from the Roden well. Price \$25 per acre. A. L. Mays, Bookman, Ark.

IMPROVED LAWRENCE COUNTY FARM—125 acres, 80 acres upland with 70 in cultivation, good house, barns and water, beautiful location, 45 acres in rich river bottom land above overflows, good fences and other improvements, one mile from town and own public road, accessible to school and churches. Write for price. G. L. Wright, Box 152, Strawberry, Ark.

TWO FARMS IN THE OZARKS—One 40-acre tract, six miles from Higden, near school, three-room house; 8 acres creek bottom, remainder second bottom land suitable for corn, cotton or fruit; price \$500. Also 20-acre tract, four-room house, barn, garden and truck advantages, good for fruit and poultry. Price \$800. Would accept Ford car on first payment, balance on terms. B. H. Sanders, Zack, Ark.

FORTY ACRES RICH LAND—Tillable mountain soil, 20 acres in cul-

tivation, balance in timber, good houses and water, free range; five miles from town. Price \$600, stock and crop included if preferred. J. L. Barnes, Swain, Ark., Box 16, R. 2.

ONE HUNDRED AND SIXTY-ACRE TRACT—40 acres in cultivation, plenty of timber, well watered, fenced, good house and barn; price \$15 per acre. J. M. Nichols, Scotland, Ark.

FOR SALE OR EXCHANGE—160 acres, 60 in cultivation 60 in bottom land—good orchard and garden, new five-room house, good outbuildings and other improvements, farm fenced with wire. Will sell or trade for town property, hotel or boarding house. A. Allen, R. 1, Box 18, Scotland, Ark.

MARION COUNTY FARM—142 acres, 20 in bottom, 40 in upland, 25 sandy soil, will grow anything; three-room box house, price \$1,500. George Blankenship, Eros, Ark.

TIMBER TRACT IN THE OZARKS—240 acres, 200 acres in timber, mostly white oak, 40 acres in cultivation, two everlasting springs, suitable for stock range, one mile from highway; price \$1,500; terms to suit purchaser; sufficient timber to pay for place. W. R. Hicks, R. 4, Lonoke, Ark.

FAULKNER COUNTY FARM—109 acres, 50 in cultivation, good pastures, plenty water, level land, one mile from pike and high school; price \$4,500; easy terms. Also 200 acres, 40 in cultivation, good timber, two wells, orchard; terms \$7.40 per acre. Another tract 40 acres, 12 fenced, 7 in cultivation, everlasting spring; price \$390, terms. Twenty-five miles north of Little Rock. A. J. Weaver, Vilonia, Ark.

FARM IN THE FRUIT BELT—160 acres, 40 in cultivation, rest in woods and range, creek running through pasture; five-room house, near school and church, 12 miles from Texarkana, six miles from Genoa, sandy land suitable for fruit and vegetables. Price \$4,000. M. M. Kemp, Genoa, Ark.

FOR SALE OR TRADE—90 1-2 acres of land in Washington county, Arkansas; seven miles from West Fork, one two-room log house with box shed room; two log barns, two wells, 30 acres in cultivation, 20 acres more of tillable soil; one-quarter mile to school. Price \$2,500, terms \$1,500 cash, balance on four year's time. Edgar G. Howard, West Fork, R. 1, Arkansas.

POULTRY AND FRUIT FARM—80 acres, 30 under fence, 50 can be cultivated, black sandy loam very rich, creek running through farm, good dwelling and outhouses; four miles from Brentwood; price \$500 cash. Reason for selling owner is almost blind. P. L. O'Bryan, Brentwood, Ark.

IZARD COUNTY FARM—104 acres of creek bottom and upland, 65 acres in cultivation, four-room box house, good barn, cistern at house, spring in pasture, a lot of good timber on place. Price \$2,000. Ed Harrison, Knob Creek, Ark.

TWENTY ACRES IN FRUIT SECTION—15 acres in apple orchard, five of which can be planted in any kind of fruit, orchard made \$4,000 in one season; will sell for half of one year's crop or trade for small place, near school and church; small house and outbuildings. W. A. Fair, Harrison, Ark., Route 1, Box 32-A.

BOONE COUNTY FARM—100 acres, 16 miles from Harrison, on public road, 40 acres in cultivation, balance in pasture, 10 in tame grass, six in orchard, wire fenced, good two-room house, good barn, one tenant house, outbuildings, spring water, plenty of timber, near church and schools. Price \$2,000. E. M. Jones, Zinc, Ark.

FARM IN STONE COUNTY—12 acres in cultivation with wire fence, 20 acres more can be cleared, small boxed house, small barn, cellar, chicken house, five miles from Calico Rock, near post-office and school. Price \$800 if taken at once. J. C. Adams, Optimus, Ark.

WELL IMPROVED FARM—463 acres, good farm house, two good barns, 200 acres in cultivation, 110 in river bottom, 90 acres bench land, 263 in pasture, watered by river and spring, fenced with hog wire, good alfalfa land, will give terms on half of price. J. R. Green, Viola, Ark.

NEWTON COUNTY FARM—200 acres, 20 in cultivation, home orchard, all under good fence, three-room house, barns, lasting spring, near school, five miles to

Jefferson highway and county seat. Price \$1,500. Albert H. Raney, Jasper, Ark.

FARM NEAR SHERIDAN—40-acre farm, three miles to court house, 16 acres cleared and fenced; sandy clay ridge land, small house and barn, other buildings, well water, fruit, timber, pike road, write for price. S. C. Currie, Sheridan, Ark.

UNIMPROVED TRACT—167 acres, unimproved land, six miles west of Gillham, in Sevier county, Ark., fine range, hunting and fishing. J. J. Roberson, Gillham, Ark.

SOUTHEAST ARKANSAS FARM—72 acres of good bottom land, 11 acres in cultivation, three-room house, five miles from Dermott on the Arkansas-Louisiana highway. For further information write G. G. Heathcock, R. F. D. 1, McGehee, Ark.

TWO UPLAND FARMS—One has 80 acres, good stock and fruit farm, three-room house and outbuildings, plenty of good timber. The other, 40 acres not improved; stock and farm implements included; feed if desired; write for prices. J. C. Hinds, Clifty, Ark.

SALINE COUNTY FARM—40 acres, 16 miles from Little Rock on 19th street pike; three-room house, barn, other outbuildings, well and spring water, two acres of grapes, one acre of strawberries and 75 fruit trees, pears, apples and peaches. 17 acres in cultivation, balance in good timber; all good land, no rocks; two horses, 100 chickens and farm implements. Mrs. Henry Scheel, R. 1, Box 138, Alexander, Ark.

HUNDRED ACRES BOTTOM LAND—Hog proof fence; new five-room bungalow frame dwelling; large new frame barn, small stream on land and numerous pure water springs, everlasting; young orchard peach and cherry trees; free range for stock joining land. This is one of the biggest and best stock ranches in the state; terms offered on part of principal. R. C. Barnsley, Clarksville, Ark.

WHITE COUNTY LAND—120 acres, unimproved, sufficient timber for building purposes; 115 acres of cultivatable land; soil is a brown loam with a clay sub-soil; is located in the White county strawberry district, 2 1-2 miles from Bradford, on a good road. Price \$25 per acre. C. W. Pearson, Bradford, Ark.

FARM IN THE OZARKS—240 acres in Benton county will sell at bargain as it belongs to heirs and must be sold; 90 acres in cultivation, balance in timber, more can be cleared and cultivated; fine for fruit, berries or stock; good springs. Clear title, taxes paid. Price only \$12.50 per acre for quick sale. Buildings are in bad condition. Geo. W. Vansandt, R. 2, Garfield, Ark.

STOCK AND BERRY FARM—280 acres fine strawberry and fruit land, good for stock raising; 75 cultivated, hog fenced, rest cattle fenced; two sets buildings; some young and some bearing orchard. Price \$3,000; will make easy terms. M. M. McCall, Bradford, Ark.

EIGHTY ACRES FOR \$500—40 acres tillable and balance makes fine pasture or fruits, has 15 peach trees; located in three miles of Blaine, Ark., on R. F. D., and is only one-half mile school, church, handy to neighbors; will grow good crops corn, cotton, sorghum, fruits, and a fine place to raise poultry; in a very healthy locality, sandy loam, soil, plenty of timber and firewood. I will include with this farm 13 colonies of honey bees in two-story, 8-frame hives, with plenty of honey for winter, all for only \$500; only \$300 down and terms to suit on balance. C. H. Cobb, Belleville, Ark.

GOOD COMBINATION FARM—143 acres creek bottom and upland, on public road, five miles out; good five-room frame house, large good barn, plenty out-houses; watered with creek, runs year round, with several good springs; also good well in yard; lots of fruit, large orchard; school and church near; all white neighbors; just the farm for stock and grain combination. Price \$2,750, some terms. J. G. Wells, Black Rock, Ark.

THOUSAND ACRES ON KING'S RIVER—300 acres in river bottom and second bottom, balance in virgin oak, pine and hickory timber, 14 miles to railroad; good house and large new barn and numerous outbuildings; an ideal stock and cattle ranch; free range; on improved highway; \$15 per acre, terms to suit. F. S. Rice, Huntsville, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK.

Registered Jersey cows and heifers; some fresh; also a few good young bulls; guaranteed and cheap. W. Arthur Jones, Paragould, Ark.

Hampshire hogs, boar, sow, gilts and young boars, from \$12.50 to \$35. F. P. Owens, Bingen, Ark.

Fourteen head of good mules, two to seven years old; also two good jacks four and six years old. Sid Taylor, R. 1, Van Buren, Ark.

Shetland ponies for Christmas presents to the children; also Poland China hogs and Toggenburg milk goats. Barbee Stock Farm, Monticello, Ark.

Aberdeen Angus cattle, pure bred, will sell on time to reliable persons who want to get started raising this breed. R. R. King, Ivory Handle Co., Hope, Ark.

Two Jersey male calves, good breeding; papers furnished. J. C. Alexander, Prairie Grove, Ark.

Fine Missouri-bred jack, 15½ hands high; standard measure; black and white points; extra heavy bone; fine head. Claude Barnard, St. Charles, Ark.

Two young horses, 2 and 4 years old, brothers, gentle. John Geiger, Paron, Ark.

Twenty pure-bred Holsteins, bred from a son of King Segis; Pontiac Alcartra; real bargain. David Felman, Lefe, Ark.

Five cows and some beef stock. \$10 to \$35 a head. A. C. Doss, King, Ark.

Poland China sow with ten pigs; one Duroc-Jersey sow; papers with both. Price reasonable. F. W. Beyers, R. 4, Green Forest, Ark.

Two teams of mules and one Chevrolet car at very low price. J. E. Dickerson, R. 1, Cabot, Ark.

Grade milk cow for \$25. R. E. Johnson, Moreland, Ark.

Two registered Jersey bulls, serviceable age; Emmet-Financial King breeding; \$50 each. W. Arthur Jones, Paragould, Ark.

Three grade cows, \$35 each; two calves; four acres of corn and one range stove. G. C. Jenks, Box 275, Kensett, Ark.

Six registered double standard Polled Hereford heifers, ranging from six to ten months of age. Marvels Pride breeding. Will make a low price if taken at once. W. W. Martin, Doniphan, Mo.

One registered Jersey bull, three years old, \$40; one registered Tamworth boar, \$40; four Tamworth pigs, seven months old, \$16 each; f. o. b. Herbert P. Finger, Fayetteville, Ark.

Hampshire male, pure bred, 2 1-2 years old, 400 lbs.; also one-year-old male, 200 lbs. R. K. Ewart, West Helena, Ark.

Poland China hogs, cheap to close out. Barbee Stock Farm, Monticello, Ark.

Registered Duroc sow and five pigs, \$50. J. W. Snelson, R. 1, Belleville, Ark.

Several big bone Duroc Jersey pigs, dark red; also two-year-old sow. C. H. Musgrove, R. 4, Box 155-A1, Pine Bluff, Ark.

Shetland Pony—Buy your boy or girl one for Christmas. Barbee Stock Farm, Monticello, Ark.

One team four-year-old black mules, in good flesh, broke to work single or double or saddle. C. E. Pence, Willcoxon, Ark.

Toggenburg milk goats, cheap to close out. Barbee Stock Farm, Monticello, Ark.

Fine grade Angora nannies; will sell or exchange for sheep. M. M. McCall, Bradford, Ark.

POULTRY.

Pure bred Pekin ducks, one to two years old, \$2 to \$2.50. Mrs. M. C. Milner, R. 1, Blevins, Ark.

Burbon red turkeys—Young toms, \$5; old tom, \$7; young hens, \$4; trio, \$12. Mrs. Maud Lewallen, R. 2, Hope, Ark.

June hatched White Leghorn cockerels—Genuine English stock—Tom Barron strain. Baby chicks and eggs after Feb. 1. Mrs. A. K. Dodgen, Oak Grove, Ark.

Keeler strain White Wyandotte cockerels—\$1.50 each or three for \$4. Mrs. A. Allen, Macon, Mo.

Leading Anconas for eight consecutive months in national egg-laying contest—Cockerels best range \$2, six for \$10; second grade, good, \$1.50 or three for \$4; no hens nor pullets for sale. Mrs. Avery Allen, Macon, Mo.

White Orpington cockerels for sale—May hatched, \$1.50 each; no pullets; 16 Barred Plymouth Rock pullets, two cockerels, June hatched, \$16. L. C. Brannon, R. 3, Rector, Ark.

S. C. White English Leghorns—A few late hatched pullets, also early hatched cockerels, pullets 75c each, cockerels \$1 to \$1.50 each, stock pure; fine layers. Mrs. D. C. Davis, Pangburn, Ark.

S. C. White Leghorns, extra large, from prolific layers; cock two years old, \$4; cockerel, March hatch, \$3; three cockerels will be show birds. Dr. C. M. Shelton, Newhardt, Ark.

Anconas, cockerels from \$2 to \$3.40; also White Wyandotte cock. \$2; cockerels, \$1.50 or four for \$5. Mrs. Avery Allen, Macon, Mo.

Eleven hens and 14 pullets Mammoth Light Brahmas, ready to lay, \$1 each. W. L. Reddell, R. 1, Box 30-c, Findall, Ark.

Ringlet Barred Rocks, large healthy birds; cockerels, \$2.50 to \$5; pullets, \$2 to \$3. Melvin Swaby, Tilton, Ark.

Ringlet Barred Rocks. Mrs. Oscar Mears, Anabel, Mo.

Pure bred Barred Rock cockerels, \$5 to \$10. Roe Mobley, R. 7, Prairie Grove, Ark.

Giant Bronze turkeys—April hatched, toms, \$10; Buff Orpington cockerels, \$2 each, two fine Ancona cockerels, \$2 each. Mrs. Ruth Palmerton, R. 1, Box 92, Harrison, Ark.

English White Leghorns, 314 egg strain, imported breeding. Booking orders, hatching eggs, \$6 per 100; baby chicks, \$12 per 100. Mrs. Winnie Lacy, Gerster, Mo.

Choice English S. C. White Leghorn cockerels, March hatch, \$2. Shady Grove Poultry Farm, R. 2, Hot Springs, Ark.

S. C. White Orpingtons, pure crystal white, Kellerstraus strain; April hatched cockerels, \$1.50 each. David A. May, Auvergne, Ark.

Thirteen large year-old White Wyandotte hens, Regal strain, heavy layers, mated with imported cock; all for \$25, or cock for \$6; some extra fine March pullets. B. S. Patton, Bergman, Star Route, Harrison, Ark.

Barred Plymouth Rock pullets, bred to lay; April hatch, \$1.50 each. J. C. Alexander, Prairie Grove, Ark.

English S. C. White Leghorn cockerels, hatched May 1, six for \$5, 12 for \$9. Mrs. Ross W. Morton, R. 1, Gerster, Mo.

Rosecomb Buff Leghorn cockerels, \$1 to \$1.50 each crated. Mrs. A. R. Jamison, R. 1, Diamond, Mo.

Fifty S. C. Brown Leghorn pullets, ready to lay, \$2 each. G. W. Jones, Vilonia, Ark.

Purebred Barred Plymouth Rock pullets, \$1.50 each; also a few cockerels, \$2.50 each. Chas. J. Finger, Jr., Fayetteville, Ark.

Narragansett turkeys, young birds \$10 a pair; two to three-year-old birds at \$20 a pair. L. W. Forbes, Hackett, Ark.

White Plymouth Rock cockerels, 200-300 egg strain. James L. Emery, Brentwood, Ark.

White Indian Runner Ducks and Buff Orpington ducks and drakes, \$2 each or \$5 for trio. P. R. McBride, Lebanon, Mo.

Narragansett Turkeys, 2-year-old toms, \$12; young toms, \$8; young hens, \$5. Mrs. Sidney Feltz, Viola, Ark.

Twelve Mammoth Light Brahma pullets. Mrs. Nina Ayotte, St. Francis, Ark.

Pair of fine Peafowls for sale, \$4. L. W. Forbes, Hackett, Ark.

Columbian Plymouth Rock hens, pure bred, good color; won first and second at Memphis and Little Rock. Mrs. J. B. Swan, Forrest City, Ark.

Single Comb Brown Leghorn and Silver Spangled Hamburg cockerels and hens; prize winners; pen of four pullets and one cockerel for \$7.50. W. F. Sudmeyer, R. 1, London, Ark.

Twenty big-bone Mammoth Black Minorca cockerels. Pope strain, \$5 to \$10 each. Claude Green, Thornton, Ark.

DOGS FOR SALE.

Airedale male pup, \$20. J. T. McGuire, Thornton, Ark.

Two beautiful Pointer dogs, 19 months old; did good hunting last season. O. C. Waller, Judsonia, Ark.

Two Hound pups, 8 1-2 months old, both males; good hunters from the best of stock. The pair for \$25. J. P. Aton, Garner, Ark.

Female Rat Terrier, about three years old; good for squirrels or stock. S. W. Boyd, R. 1, Bald Knob, Ark.

Squirrel and possum dog ready for training, \$5; bull dog, one year old, \$10. A. Z. Blanchette, R. 1, Hensley, Ark.

Ozark Hounds, trained or untrained, tree dogs or running dogs. E. Todd, Cook, Ark.

Arkansas hunting hounds. Roy Philpot, Mena, Ark.

Pups sired by Pathfinder, eligible to register; black, white and tan; \$15 each or \$25 a pair. R. C. Orr, Green Forest, Ark.

Three-quarter male bulldog, 18 months old, \$25. Tom McGuire, Thornton, Ark.

Pair of young black and tan tree hounds, 17 months old. J. M. Johnson, Sonora, Ark.

DOGS WANTED.

Two Collie pups, three or four months old, male and female, not related, state price. W. P. Waters, Pyatt, Ark.

SEED FOR SALE.

Mebane Triumph cotton seed, \$1.75 per bushel. F. P. Owens, Bingen, Ark.

White Spanish peanuts, 7c per pound. F. P. Owens, Bingen, Ark.

Cumberland raspberry plants, Aroma strawberry plants, Concord grape cuttings, prices on request; Industry gooseberry plants, \$2 per dozen, prepaid; one-year-old King David and Stayman wine-sap apple trees, \$2 per dozen, prepaid. Booking orders now. Geo. W. Vanzandt, Garfield, Ark.

Everbearing mulberry, 25c; Red bronze-leaf cannas, \$3 for 100; honeysuckle, 25c a dozen; violets, 25c a dozen. Hollyhurst Plantation, Jones, La.

Flowers—Princess feather, pink hollyhock, blackeyed susan, mixed colors of larkspur, touch-me-not, marvel of Peru, zennia, calliopsis, 20c. Mamie Lou Aldridge, R. 2, Box 56, Roxie, Miss.

Apple and plum grafts made to order; fruit trees, grape vines, small fruits and plants. Lankford Nursery, Bergman, Ark.

Frost-proof cabbage, collard lettuce, onion, beet, brussell sprouts, kale, kahl-robi, endive plants, leading varieties; 1,000, \$2.50. W. C. Tumlin, Gainesville, Ga.

Five hundred bushels Appler oats for sale at \$1.00 per bushel, f. o. b. This is excellent seed for fall sowing. John Jansen, Prairie View, Ark.

Louisiana Red and Louisiana Pink wilt-resistant tomato seed: Packet, 15c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$6.00. Louisiana Cauliflower Association, Baton Rouge, La.

Orange cane seed, \$2.50 per bushel; also honey drip cane seed for syrup, \$3.50. A. L. Keith, Galena, Ark.

MISCELLANEOUS FOR SALE.

Black and steel gray Flemish giant rabbits, four to nine months old, will trade for Partridge or Barred Rock chickens. E. G. Carter, Box 103, St. Joe, Ark.

Good hay, \$16 a ton. G. G. Heathcock, R. 1, McGehee, Ark.

Hazelnuts, 15c a pound by parcel post. R. A. Hamilton, Healing Springs, Ark.

Silverstone talking machine with 25 records, \$15; good violin, \$7; both for \$20. Jas. J. Smith, Mammoth Spring, Ark.

Homegrown tobacco, chewing or smoking, grown and cured by an old Kentucky tobacco grower. Jas. O. Bugg, R. 3, Paragould, Ark.

Homegrown tobacco for sale; price on request. George A. Wade, Banner, Ark.

Your name, business and address printed on 200 letter heads or 200 envelopes for \$1 in exchange for clover seed, sorghum,

peanuts, peas, potatoes, etc. S. J. Barber, Havana, Ark.

Two carloads of clover and timothy hay at \$20 a ton f. o. b. O. A. White, Corn, Ark.

One hand-crocheted bedspread, 33x33 inches, beautiful design. Mrs. W. E. Polk, Avoca, Ark.

Wanted to Exchange—22-gauge Winchester repeating rifle for small caliber shotgun; pullets for Jersey calf. M. M. McCall, Bradford, Ark.

Grist mill, 24-inch burrs, to exchange for inserted tooth circular saw about 40 inches in diameter or other good saw. P. P. Parsons, Wickes, Ark.

Dodge five-passenger car for Ford. Empire State camera for apples. Kodak for radio set. T. Poindexter, Gravelly, Ark.

Majestic incubator, 130-egg size. D. O. Friend, Booneville, Mo.

Carbide light plant for sale or trade, in good condition, used only two months; will trade for Ford car. Robert A. Cameron, R. 2, Blue Mountain, Ark.

Twenty-three-jewel hunting case watch for Savage high-power rifle or something else of value. A. L. Keith, Galena, Ark.

Home-made fruit cake, two to five-pound sizes, 85c a pound; mince meat, 30 cents a pint. Mesdames Pryor and Titus, Hamburg, Ark.

Some second-hand farming tools and two mules; will rent farm. Paul Stormont, R. 2, Box 44, London, Ark.

Indian Twin Motorcycle, 7 h. p., chain drive, Bosch magneto; \$75. E. M. Moore, Denton, Ark.

WANTED.

Corn—We are in the market for a few cars of ear corn; also shelled corn in sacks. Bono Mercantile Co., Bono, Ark.

Wanted to Exchange—Kewpie Kodak No. 3 for quilt scraps, pullets, etc. M. M. McCall, Bradford, Ark.

Wanted—Female coon for fur farm. R. L. Pinney, R. 2, Ladysmith, Wis.

Wanted—Corn, hay, sorghum or peanuts in exchange for work mule. Also will exchange milk goats for work team. Young Bros., Summit Ark.

MORE FARMS FOR SALE

NORTHEAST ARKANSAS FARM— 240 acres, 100 in cultivation good four-room house, about well fenced with wire; barn and other outbuildings. Price \$50 per acre. \$3,000 loan runs five years, 7 per cent interest; all level land. Will sell for half of the remainder cash, and take second mortgage for balance; farm three miles from Harrisburg, Ark., J. E. Var Beber, Harrisburg, Ark.

POINSETT COUNTY FARM— 320 acres, two miles from Fisher, Ark., 200 acres in cultivation with good irrigation plant of sufficient size water 200 acres of rice; new four-room bungalow, well fenced, small barn. \$50 per acre with one-half cash, balance in five equal payments, 6 per cent interest, or will trade for property in town or city to equal one-half cost price. J. E. Vanbeber, Harrisburg, Ark.

FARM NEAR LITTLE ROCK — 322 acres rich bottom land; some black sandy loam; 50 acres of alfalfa; only 40 acres in timber; all fenced; only four miles from Little Rock, on splendid road; exceptionally good location for dairy and stock farm; ill health of owner makes it necessary to sell. Mrs. E. W. Prothro, 2410 Izard St., Little Rock, Ark.

POINSETT COUNTY FARM— 160 acres, 100 in cultivation, fenced with woven wire fencing, with barb on top; one five-room bungalow; one four-room and one three-room tenant houses, small barn; all level second bottom land; every acre can be cultivated. Will trade for stock of dry goods, or sell for \$12,000. Address Bernard Tanenbaum, Harrisburg, Ark.

ONE PLANTATION IN POINSETT COUNTY— 640 acres, 450 in cultivation; nine sets improvements, fenced with woven wire and barbs; just enough upland for fruit and building places; incumbrance about \$42 per acre; worth \$80, but will trade or sell cheaper. A. J. Tanenbaum, Harrisburg, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOLUME 9—NUMBER 12

LITTLE ROCK, ARKANSAS

DECEMBER, 1923.

Farm Seed Now Bear Tags Showing True Grade and Quality, as Required by New State Law

THAT the farmer may be able to get the kind of seed he wants and pays for there has been passed by the Arkansas Legislature a Pure Seed Law, the duty of enforcing which is placed upon the State Bureau of Mines, Manufactures and Agriculture. This law requires that manufacturers label or tag their seed to show the true variety and quality. The dealer must see that the seed is so labeled or tagged before he offers it for sale. Inspectors from the department will take samples of seed sold and offered for sale and these samples will be examined and analysed to determine their kind and quality. If foreign seed are found to be present above a reasonable tolerance, or there is evidence of adulteration or fraud, the seller of the seed may be prosecuted under the new state law.

The Commissioner and his agents have the right under this law to free access at all reasonable hours to any premises or structures to make examination of any agricultural seed wherever stored, if present to take for analysis a composite sample of such seed.

The manner of taking the sample is outlined as follows: "Said samples shall be thoroughly mixed and two official samples taken therefrom. Each of the official samples taken therefrom shall be securely sealed. One of these official samples shall be furnished to the vendor or party in interest, in person, if present, and if not present shall be promptly forwarded to the shipper or owner, and the other retained by said commissioner or agent for analysis."

In case a sample is found upon test or analysis to fall below the statement on the tag or label attached to the lot from which sample was secured, or to violate any other provision of the act, the vendor or consignee shall be notified and it shall be unlawful for any person, firm or corporation to sell, offer or expose for sale within this state, any agricultural seeds, or mixtures, for seeding purposes within this state, without complying with the act. Violations are punishable by a fine of not less than \$10 nor more than \$100 for the first offense and not less than \$25 nor more than \$300 for the second and later offenses. The accused persons are entitled to a private hearing before prosecution is begun.

Any citizen of the state may submit to the department samples of agricultural seed for tests and analyses.

The department has authority to co-operate with the State Experiment Station at Fayetteville and with the U. S. Department of Agriculture, Washington, D. C., for the better enforcement of the act.

Arrangements have been made for the establishment of a seed testing laboratory at the College of Agriculture, University of Arkansas, where all samples will be examined by experts. This work will be in the immediate charge of Mr. Paul Millar, assistant to the Commissioner in the enforcement of the Pure Seed Law, the five principal sections of which follow:

An Act to Regulate the Selling, Offering or Exposing for Sale Agricultural Seeds, Providing for Inspection and Analysis, and to Repeal All Laws and Parts of Laws in Conflict With This Act.

Section 1. For the purpose of this Act, the term "agricultural seed" or "agricultural seeds" used in this Act shall be defined as the seeds of orchard grass, redtop, timothy, Bermuda grass, Kentucky blue grass, broom grass, tall meadow grass, fescues, Italian rye grass, perennial rye grass, Canada blue grass, millet, Sudan grass, kafir corn and other grain and sweet sorghum, alfalfa, red clover, crimson clover, burr clover, alsike clover, sweet clover, lespedeza, cowpeas, soy beans, velvet beans, rape and all other grasses, clover and forage plants, field corn, broom corn, wheat, oats, rye, barley, rice and all other cereals, cotton seed and other fiber-producing crops which are sold, offered or exposed for sale within the State of Arkansas for seed purposes within this State.

Section 2. Every lot or agricultural seeds, as defined in section one (1) of this Act, except as herein otherwise provided, when in bulk packages or other containers of ten pounds or more, shall have affixed thereto, in a conspicuous place, on the exterior of the container of such agricultural seeds, a plainly written or printed tag or label in the English language, stating:

(a) Commonly accepted name of such agricultural seeds.

(b) The name of State where such seed was grown, and if this is unknown, a statement to that effect.

(c) The approximate percentage by weight of purity, meaning the freedom of such agricultural seeds from inert matter and from other seeds distinguished by their appearance.

(d) The approximate total percentage by weight of weed seeds; the term "weed seed" as herein used being defined as the noxious weed seeds or bulblets listed in section two (2), subsection (e), and all seeds not listed in section one (1) as "agricultural seeds."

(e) The name of each kind of seeds or bulblets of the following named noxious weeds which are present, singly or collectively, as follows: (1st) In excess of one seed or bulblet in each five (5) grams (approximately one-sixth of one ounce avoirdupois) of orchard grass, red top, timothy, Bermuda grass, blue grass, broom grass, fescues, rye grass, tall meadow oat grass, alfalfa, clovers and all other grasses and clovers not otherwise classified: (2d) one in twenty-five (25) grams approximately six-sevenths of an ounce avoirdupois) of millet, rape, Sudan grass, sorghums and other seeds not specified in first (1st) or third (3d) of this section: (3d) one in one hundred (100) grams (approximately three and one-half ounces avoirdupois) of wheat, oats, rye, rice, barley, vetches and other seeds as large or larger than wheat, and for the purpose of this Act the following shall be defined as noxious weeds: Daddies, bushhorn and other varieties of plaitain, sorrels, docks, cheese or cheat, red rice, wild carrot, wild onion, thistle nut grass, Johnson grass, and whitetop.

(f) The approximate percentage of germination of such agricultural seeds together with the month and year such seeds were tested, provided that the Commissioner of Mines, Manufactures and Agriculture shall test and may publish the results of such tests as herein provided, together with the month and year such tests were made by said Commissioner, including also the date of test as shown on the label.

(g) Full name and address of the vendor of such agricultural seeds.

Section 3. Mixtures of alsike and timothy, red-top and timothy, alsike and red clover and all other mixtures, when sold, offered or exposed for sale as mixtures and in lots of ten (10) pounds or more shall have affixed thereto, in a conspicuous place on the exterior of the container of such mixture of seeds, a plainly written or printed tag or label, in the English language, stating:

(a) That such seed is a mixture.

(b) The name and approximate percentage by weight of each kind of agricultural seed present in such mixture in excess of five (5) per cent by weight of the total mixture.

(c) Approximate percentage by weight of weed seeds as defined in section two (2), (d), (e) of this Act.

(d) Approximate percentage by weight of inert matter.

(e) The name of each kind of the seeds or bulblets of the noxious weeds listed in section two (2), subsection (e) of this Act which are present singly or collectively in excess of one seed or bulblet in each fifteen (15) grams (approximately one-half of one ounce avoirdupois) of mixture.

(f) Approximate percentage of germination of each kind of agricultural seed present in such mixture in excess of five (5) per cent weight, together with the month and year said seed were tested, provided that the Commissioner of Mines, Manufactures and Agriculture shall test and may publish the result of such test as herein provided, together with the month and year such tests were made by said Commissioner, including also the test and date of test as shown on label.

(g) The full name and address of the vendor of such mixture.

Section 4. Special mixtures of agricultural seeds, except as specified in section three (3) of this Act, when sold, offered or exposed for sale as mixtures, in bulk, packages or other containers of eight (8) ounces or more, shall have affixed thereto in a conspicuous place on the exterior of the container of such mixture, a plainly written or printed tag or label in the English language, stating:

(a) That such seed is a mixture.

(b) The name and approximate percentage by weight of each kind of agricultural seed which is present in proportion of five (5) per cent or more by weight of the total mixture.

(c) The approximate total percentage by weight of weed seeds as defined in section two (2-d) (d), of this Act.

(d) Approximate percentage by weight of inert matter.

(e) The name of each kind of the seeds or bulblets of noxious weeds listed in section two (2), subsection (e) of this Act, which are present singly or collectively in excess of one seed or bulblet in each fifteen grams (approximately one-half of one ounce avoirdupois) of such mixture.

(f) The full name and address of the vendor of such mixture.

Section 5. Agricultural seeds or mixtures of same shall be exempt from the provision of this Act.

(a) When possessed, exposed for sale, or sold for food purposes only.

(b) When sold to merchants to be recleaned before being sold or exposed for sale for seeding purposes.

(c) When in store for the purpose of reclaiming or not possessed sold or offered for sale for seeding purposes within the State.

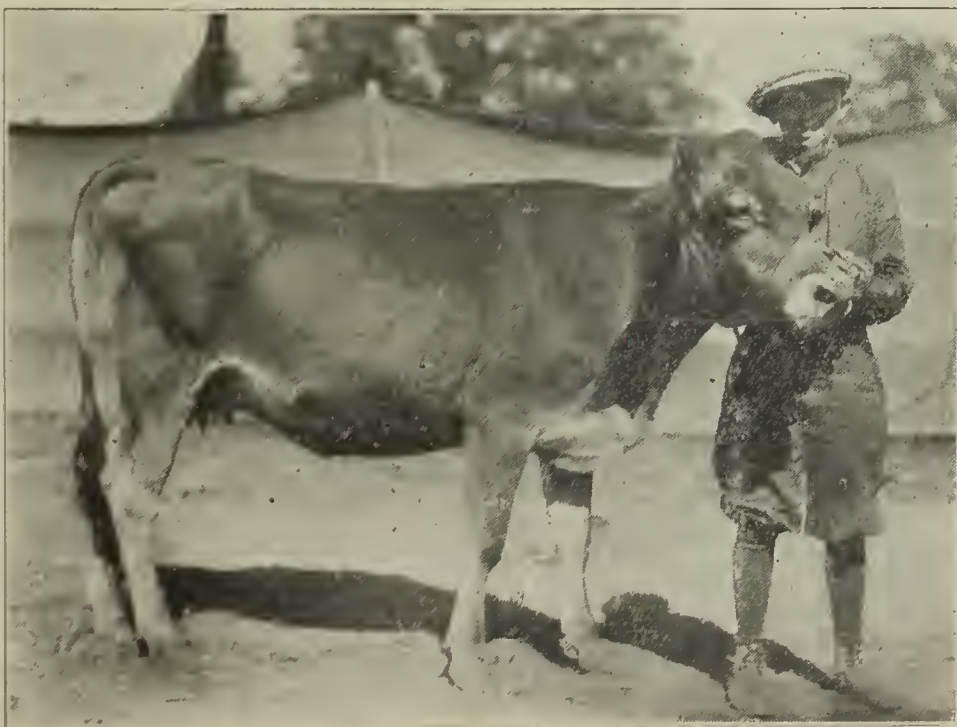
(d) Agricultural seeds grown and sold by the grower thereof on his own premises; provided, however, that said grower shall be responsible under this Act for any misrepresentation he shall make in the sale of such agricultural seeds; and, further provided, that if such agricultural seeds shall be advertised for sale or be delivered through a common carrier than the grower as a seller shall be deemed a vendor, and said seed and seller shall be subject to all requirements of this Act; provided, that nothing in this subsection (d) shall be interpreted as exempting any such grower from full liability in case of the sale of agricultural seeds containing Canada thistles.

GINNING REPORTS STILL SHOW HALF CROP

The preliminary report by the Bureau of the Census of cotton ginned by counties in Arkansas up to November 21, shows a total of 471,072 bales as compared with 925,224 bales ginned on the same date last year.

The crop is 40,000 bales short in Mississippi county and large decreases are shown in all eastern Arkansas counties. There were slight increases in Hempstead, Howard, Lafayette, Little River, Miller, Pike and Sevier counties, a favored section of southwest Arkansas.

First Pure-Bred Calf Club Organized at Fort Smith



One of Jernigan's Boys and His Jersey.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



Homeseekers Who Want to Buy Arkansas Farms

Frank Day, Knowlton, Mont., expects to visit southern Arkansas this fall in search of a place suitable for raising hogs, corn, hay and alfalfa. He prefers well drained land ready for the plow and wants a healthy locality.

L. L. Sargent, Roosevelt, Minn., would like to trade his northern property for a small place in a warmer climate. He requests information concerning northern Arkansas.

M. G. Agnew, 659 King St., Frederick, New Brunswick, is thinking of investing in Arkansas land and requests our literature.

Henry Schnurle, Eureka, S. D., is interested in homestead land in Arkansas.

Ollie Walker, R. 2, Blair, Okla., requests information concerning agricultural opportunities in Arkansas.

P. O'Connor, 1710 Charles St., Omaha, Neb., says there are several persons of his acquaintance who are thinking of purchasing farms in Arkansas.

Thos. L. Fell, Box 506, Okemah, Okla., owns residence property in Stuttgart that he would like to trade for a small farm in the Ozarks.

W. E. Roberts, R. 4, Orlando, Okla., is thinking of moving to Arkansas and has been sent literature describing the state.

Mary O'Leary, 603 Muskogee St., Claremore, Okla., asks for information of interest to the homeseeker.

B. F. Hamilton, 729 North Pearl St., Dallas, Tex., is thinking of moving to Arkansas in the near future and wants to find a healthy locality near a railroad town where he can sell his produce.

W. G. McDermott, R. 7, Benton, Ky., is looking for cheap land in which to establish a dairy business.

G. P. Morris, De Funiak, Fla., is anxious to come to Arkansas if he can dispose of his property.

Verna Terry Bebout, Marion, Ky., writes for literature that would interest a prospective homesteader and citizen of Arkansas.

Laura Horton, Moody, Mo., is an inquirer for Arkansas literature.

Vernon Felix, Box 111, Georgia Tech, Atlanta, Ga., has been sent descriptive books and maps regarding the resources of the state.

Sarah F. Pate, Cotton Plant, Ark., asks about state land in White and Cleburne counties.

A. B. Chowning, McEwen, Tenn., asks especially about lands along the Little Red and White rivers.

John Hunt, 925 N. Oakland Ave., Indianapolis, Ind., says that he is coming to Arkansas in the near future and asks for map and literature.

J. W. Bell, Whitesburg, Ky., is interested in northwestern Arkansas.

Kenneth W. Smith, rural route, care C. E. Baxton, New Kamillehe, Wash., asks about land values in northern Arkansas.

W. H. Osbourne, 702 Hancock Ave., West Detroit, Mich., writes: "Will you advise me about what part of Arkansas is best for general farming? I have sold my farm and am looking for a new location."

R. T. Newman, Box 833, Anaconda, Mont., is a prospective homeseeker.

Miss Dora Shelby, 2500 Ross Ave., Dallas, Tex., is especially interested in Sebastian and Benton counties.

J. F. Weaver, 1 Carroll St., Portland, Me., has just been sent copies of the "Arkansas Handbook" for distribution to a party of prospective immigrants in that city.

running through it; two good springs, good buildings, some fruit, near White river; will sell cheap and take a car as part pay if the purchaser will take my mules, wagon, hogs and farming tools. D. N. Dodd, Peel, Ark.

FOR SALE OR TRADE—Lot 50x100 feet, house, barn, eistern, fence; on Main street in Omaha, Ark.; population about 250; good school and churches. Daisy Dean Andrews, Lowry, Ark.

75-ACRE FARM—One-fourth mile from school and church, virgin timber, for stock and fruit growing. Carl Simmons, Plant, Ark.

LOGAN COUNTY FARM—80 acres, two miles from county seat and high school, half mile from country school; good young orchard, two houses and barns, three wells, spring, near good mining town; also 60-acres farm, three miles from town, on creek, good house, barn, two wells, prices reasonable. Gene Fitzworth, Paris, Ark.

FARM FOR RENT—Cotton, corn and stock farm, three miles from Nashville, Howard county, Ark., on Nashville and Washington road. About 50 acres in cultivation, pasture, five-room house, plenty outbuildings; very healthy, best of people, near church and school. Span of mares, implements and feed for sale. Buy me out and I'll rent the farm to you for \$100 for one year. F. L. Gilbert, R. 2, Box 80, Nashville, Ark.

STONE COUNTY FARM—160 acres, 50 acres of tillable land, well, barn, two-room house, one and three-fourths miles from town, near school, near sawmill, three miles from railroad, timber enough for 2,000 red oak ties, also plenty of pine for building purposes; free range; good outlet for stock. Will sell for reasonable cash offer. J. J. Broyles, Lydalisk, Ark.

CUT-OVER LAND—40 acres, Drew county, all level and tillable, no rocks, good prospects for oil and gas; one-half mile to railroad station, postoffice and church; good high school; price \$15 per acre. W. A. Sims, Damascus, Ark.

THREE GREENE COUNTY FARMS—One tract of 40 acres, all improvements, fenced, 30 acres in cultivation, black land, raised one and one-fourth bales of cotton to the acre, 40 bushels of corn; six miles south of Paragould; also two other tracts of 40 acres on Crowley's Ridge, hill farms, modern improvements, all cleared, crops of corn, hay and cotton, either would make dairy or poultry farms, six blocks from depot on Missouri Pacific railroad, eight miles north of Paragould. Mrs. E. B. Byers, Gainsville, Ark.

ALL-AROUND FARM—92 acres, 70 in cultivation, 20 in timber, good stock, grain and hay farm; apples, peaches and cherries, eight-room house, well, good school and church; \$50 per acre. G. S. Ruttry, Garfield, Ark.

HOME IN THE OZARKS—A great health resort; eight-room house, modern conveniences; \$4,000. S. C. Oppy, Box 46, Kensett, Ark.

200-ACRE FARM—Three-quarters mile from Okolona, fenced, watered, virgin timber, hardwood, big pear orchard, drilling for oil near by. R. M. Peters, Okolona, Ark.

EAST CLAY COUNTY FARM—160 acres, 90 in cultivation, balance easily cleared, good fences; one-half mile from school and church, three miles from railroad station, black sandy loam. Write Wm. Harman, Rector, Ark.

COTTAGE AT EUREKA—Nice five-room cottage on one of the best residential streets in Eureka Springs, \$1,200. Eli L. Slinkerd, 8 Singleton St., Eureka Springs, Ark.

MOUNTAIN FARM—170 acres, 12 miles from Clarksville, well improved, five-room house, barn and other outbuildings, 60 acres in cultivation; price \$4,000. B. F. Heaton, Dale, Ark.

FARM FOR \$600—160 acres, 30 in cultivation, four in orchard, new frame house, plenty water, wire fence, one and one-half miles sandy loam, level land, range, 1,000 ties, one-half mile from post-office, store, school and church. Reason for selling is due to old age and inability to farm any longer; price \$600. Write G. M. Tindall, Ben, Ark.

VAN BUREN COUNTY FARM—200 acres, 30 in cultivation, 70 in pasture, 30 of first and second level bottom land, good timber for improvements, house, barn, three drilled wells of freestone water, creek, fish, game, half mile from church and country school, one and one-miles from town, 11 miles to railroad; \$1,500. W. O. Brown, Box 14, Cave City, Ark.

BENTON COUNTY FARM—40 acres, one and three-fourths miles north of Decatur, Ark., fenced bog tight, near highway, good plastered house, barn, well, spring, creek runs through the pasture, outbuildings, 20 acres in bottom land, four in alfalfa, six in clover, one and one-fourth in grapes, 3 in strawberries, one in raspberries, six in timber; one and three-fourths miles to high school, near church, good location for poultry; price

\$3,600. Write Fred Harrison, Prairie Grove, Ark.

WHITE COUNTY FARM—80 acres, high sandy land, 35 acres in cultivation, fenced, four-room house, barn and outbuilding, everlasting spring in pasture, good well, land adapted to corn, cotton, peas, peanuts, potatoes, strawberries and a fine fruit farm, nine miles from Searcy; price \$1,500, terms. G. J. Johnson, McRae, Ark.

MADISON COUNTY FARM—440 one-year-old apple trees, 10 miles from Frisco railroad, eight miles from county seat; \$1,200; 180 acres timber land improved, \$5 per acre. One town lot, 200. Will bunch the 224 acres at \$2,000; \$900 down and balance in five years with interest. J. C. Faulkner, Wasley, Ark.

LOGAN COUNTY FARM—90-acre farm underlaid with four veins of coal, two cropping out on the place; will sell or form a partnership with someone who understands mining. Can sell equipment for farming. L. V. Stafford, R. 2, Box 21, Paris, Ark.

YELL COUNTY FARM FOR SALE—180 acres, located one-half mile from Havana; 125 acres in cultivation, five-room house, will sell land and stock farm implements, low price. M. L. Osborn, Blue Mountain, Ark.

BERRY FARM FOR SALE—40 acres, 11 acres in berries, two and one-half miles from Judsonia, and three and one-quarter miles from Bald Knob. Two houses, barn and good roads. S. A. Mead, Judsonia, Ark.

FOR SALE OR EXCHANGE—40 acres land, well improved, in Van Buren county; 20 acres, well improved in Perry county, 20 acres unimproved in Van Buren County. One registered black Mammoth Jack; good gasoline mill and shingle mill, would like larger farm or stock of goods. R. A. Gentry, Aplin, Ark.

TWO HUNDRED ACRES IN THE OZARKS—Fenced; six-room house, two barns, 60 acres in cultivation, 100 in blue grass, balance in timber, school and churches near; free range; will give possession in twenty days. Price \$17.50 per acre. Jess Matlock, Ralph, Ark.

160 ACRES IN STONE COUNTY—Three miles from good railroad town, house and small orchard, will sell all or one-half. Geo. C. Bellee, Calico Rock, Ark.

FOR SALE OR TRADE—80 acres improved fruit and stock farm on south side of Ozarks, in free range, 10 miles north of Clarksville, two miles south of Ozone, 50 acres cleared, under good hog-wire fence, balance pasture, three cross fences, 650 fruit trees, vineyard, 200 bearing vines, land slightly rolling, plenty good timber, 5-room frame and box house, barn, smokehouse, chicken house and granary, three everlasting springs, healthy climate, altitude 1,500 feet, no negroes, one mile west of highway and school, telephone, trade for city property, or improved acreage near town; will sell stock, implements and household goods. J. F. McNeal, Ozone, Ark.

IMPROVED HILL FARM—80 acres, 20 miles west of Hot Springs, 11 miles east of Amity, 30 acres in cultivation, 50 in timber, house, barn, farming and fruit lands, free range, near school and church, water, grass; price \$10 per acre. F. G. Thacker, Point Cedar, Ark.

FARM FOR SALE—80 acres, three and one-half miles from Calico Rock; price \$1,000. E. C. Neff—Calico Rock, Ark.

SHARP COUNTY FARM—120 acres, 35 acres in cultivation, 70 fenced, balance in timber, two-room house, outbuildings, barn, well, upland with some rock on it, one-half mile from school and church, half cash down the rest on terms if desired. J. P. Smith, Agnos, Ark.

FORTY-EIGHT ACRES IMPROVED—One-fourth mile to the postoffice, store, school; will sell one-half value if sold soon; terms on part if desired. Mary L. Deverick, Prairie Grove, Ark.

FARM AT FLAG, ARK.—40 acres, cleared and fenced, one-fourth mile to school, store, postoffice and mill, six miles to railroad, good bungalow, barn, water, orchard, timber, fine location for doctor or party wishing to farm as machinery can be used; would trade for other land or stock of goods. Jim Cunningham, Flag, Ark.

200 ACRES FOR SALE—100 acres in cultivation, 70 in pasture, 30 in meadow,

FARMS FOR SALE

DESIRABLE FARM FOR SALE—60 acres, fenced, 12 acres timber, 20 acres pasture, 250 apple trees three years old, 50 others, grapes, berries, well, eistern, pond; four-room house with cellar, brick chimney and telephone, two porches, all outbuildings; one-half mile from railroad station, postoffice, stores, school and church, on Jefferson highway three miles from county seat; price \$3,000. Mrs. W. Stewart, Bellefonte, Ark.

MARION COUNTY UPLAND FARM—120 acres, 23 in cultivation, three and one-half in alfalfa, one in clover and timothy, 20 acres of timber, pasture with creek

good for all kinds of grain and cotton; six-room house, outbuildings, five and one-half miles of a growing town. T. E. Rice, R. 1, Charleston, Ark.

SEVIER COUNTY FARM—320 acres, 80 cleared, five-room house, barn and other outbuildings, well in yard, double brick chimney, spring, lots of creek bottom land; will sell all together or 160 acres separate; one-fourth mile to school and church, railroad and village. A. C. Dess, King, Ark.

FOR SALE OR EXCHANGE—160 acres, one-half mile from highway, one and one-half miles to town of Dodd City, school, six miles to railroad station. Price \$8 per acre; half cash and balance in three years; will exchange for merchandise or other land elsewhere. Homer Hudson, Box 8, Turkey, Ark.

40 ACRES IN BOSTON MOUNTAINS—Washington county, all in timber of good commercial value, white oak, hickory and black oak, near church and school; three miles from town, nine miles from railroad, on R. F. D. route; price \$200, terms. W. E. Cox, Cane Hill, Ark.

FARM NEAR RAILROAD STATION—On public highway, will sell for small cash payment and give long time; old age and other troubles cause selling; creek bottom and rich land; three sets of houses, barns; will sell stock, farming tools, John W. Blunt, Doddridge, Ark.

OSARK FARM FOR SALE OR TRADE—120 acres, 50 in cultivation, more can be cultivated, five-room house, two wells, everlasting water, fences, fair barn, poultry houses, three miles from railroad on public road, daily mail, 12-acre apple orchard, four acres strawberries, two acres of grapes, one-eighth of a mile to school, one mile to church, white settlement, free range. Write G. W. Hull, West Fork, Ark., R. 1, Box 103.

FRUIT FARM NEAR ROGERS—Well improved, 40 acres, no rocks, level, 25 acres in orchard, roads, climate, water, schools. H. L. Dunning, R. 4, Rogers, Ark.

RICE PLANTATION ON GRAND PRAIRIE—360 acres, 170 in rice; 10-room house, well and pumping outfit, 80 h. p. boiler, 50 h. p. engine, five miles from seat, one-half mile from asphalt highway; price \$50 per acre; will trade my equity for cheap rough land, cars or stock of merchandise or anything of equal value. H. G. Allen, Almyra, Ark.

40-ACRE FRUIT FARM—Box house, two wells, 30 acres in cultivation, five acres of nine-year-old apple trees, 6 acres in peach trees, mostly Elbertas; 40 or 50 pears; sandy land, ideal for fruit and berries; \$1,400 cash. Also 120 acres on the Caddo river near Glenwood, 300 acres in cultivation, four sets of houses, 10 miles of wire fencing; \$9,000. D. O. Friend, Bonnerdale, Ark.

SEARCY COUNTY FARM—One-fourth mile from Marshall, nine acres, seven-room house, outbuildings, also unimproved land seven miles from Marshall, priced to suit purchaser; fine for fruit and dairy farm. A. J. Horton, Bear Creek, Ark.

160-ACRE FARM—12 in cultivation, balance in timber, about 30 more acres can be cleared and put in cultivation; 50,000 feet of good pine and oak timber on place; four-room house, barn, well, some fruit; \$1,000, half down, balance on terms. Henry Hagaman, Union Hill, Ark.

476 ACRES IN FARM AND RANCH—10 miles north of Mountain Home, near the Missouri state line, wild range, 75 acres in cultivation, rest in pasture and timber, stock raising a specialty. F. J. Bond, R. 1, Box 50, Mountain Home, Ark.

CARROLL COUNTY POULTRY RANCH—Convenient to high school, two and one-half acres of ground highly improved, seven-room house, shady lawn, all kinds of fruit. Three poultry houses, and pens; all nearly new; no trades considered. Mrs. Nella Vawter, Berryville, Ark.

FARM IN STONE COUNTY—152 acres, 30 in cultivation, open range, plenty of timber, four-room house, barn and other outbuildings, small orchard, school house on place, one and one-fourth miles of railroad, price reasonable. Will accept Ford car as part payment. N. L. Ramsey, Lydalisk, Ark.

TWO IMPROVED FARMS—160-acre tract and 180-acre tract, both close in. Geo. B. Jones, Waldron, Ark.

UNIMPROVED BOONE COUNTY FARM—Two miles from station, 60 acres cultivation, located in center of extensive range; \$5 per acre for immediate sale. R. H. Ruthven, Cotter, Ark.

80 ACRES FARMING LAND—Branch bottom, clear of rocks, two-room house, outhouses; all kinds of fruit, garden, chicken yard. Mrs. Sadie Gingst, Turkey, Ark.

840-ACRE FARM—120 acres in cultivation, rest in timber, white oak, black oak, red oak, hickory, gum, buildings. Jas. Ware, Brewer, Ark.

89 ACRES OF UPLAND—45 under cultivation and nearly all can be cultivated, five miles of Shirley, Higden, Edgemont and Eglentine. Mrs. E. J. Collins, R. 1, Box 59, Shirley, Ark.

ATTRACTIVE FARM—80 acres, 20 in cultivation, 60 in timber, mostly pine; some fruit trees, two-room house, barn, land will produce anything grown in the south, located near hunting grounds and swimming pool; will include farming tools if sold at once; price \$20 per acre, half down, balance on terms. W. P. Lancy, R. 1, Gillham, Ark.

FARM NEAR LESLIE FOR SALE—450 acres, seven miles south of Leslie, two miles above Elba; railroad runs through place, spur on place, large new house, about \$5,000 worth of improvements in buildings put on place in 1918; \$12 per acre. Write for particulars. Geo. H. Meier, Barber, Ark.

LINCOLN COUNTY FARM—Six miles southwest of Star City, 160 acres, 50 in cultivation, 80 under fence, the balance in timber, two sets of improvements, two wells, creek, good for stock raising, free range, three-quarters of a mile to school and church, store, pike road, half of place is in creek and branch bottom land, good neighbors; \$10 per acre; \$1,000 down and balance on easy terms. V. O. Pernell, Rest, Ark.

MINERAL LAND—80 acres in the mountains of Marion county, timber, spring; \$1,600. Wm. J. Casey, Ena, Ark.

SEBASTIAN COUNTY FARM—10 miles from Fort Smith, 12 acres in cultivation, 10 to be cleared, 12 in timber, underlaid with strip coal from 12 to 18 veins; price \$1,300. Write W. A. Maxwell, Barling, Ark.

PIKE COUNTY FARM—159 acres, 85 in cultivation, 35 in pasture, balance in timber, 10 in orchard, six miles west of Glenwood, one-half mile from school, five-room house, well, spring, outbuildings; \$2,500. E. L. Adams, Zebulun, Ark.

TRASKWOOD HOME—Three-room house, good outbuildings, gardens and truck patches, one-half mile to town, on public road; \$650. J. A. Brumbelow, Traskwood, Ark.

IMPROVED STONE COUNTY FARM—40 acres, 24 cleared, eight in orchard, fenced with picket, rails and stone, three-room house, well, stable, stone cellar, garden, one mile to school, store, postoffice, one-half mile to state road; \$500. Also 120 acres, 60 acres cleared, buildings, orchard, on state road; three-quarters mile to school church, one-half mile to store and post office, eight miles to railroad at Shirley; \$2,000, terms on part. A. L. Woodley, Rushing, Ark.

POPE COUNTY FARM—133 acres, well improved, will exchange for stock of dry goods or groceries that will invoice \$3,500; my price is \$5,500, including stock and implements; 80 acres of meadow, land suitable for general farming, one mile from pike, four miles east of Dover. W. W. Hubbard, Gmlog, Ark.

WHITE AND INDEPENDENCE COUNTY FARM—Located partly in both counties, two miles from Pleasant Plains, an inland town with school, church, mill and stores; daily mail, 220 acres, 60 acres in cultivation, 12 acres new ground, 15 acres in meadow land, 119 acres under wire fence, 20-acre pasture with running water year round; block of old field pine with 40 years' growth, young apple and peach orchard for family use, box house with four room, well on porch, barn, reason for selling is due to death of husband; \$2,500. Mrs. C. C. Thompson, Pleasant, Plains, Ark.

80 ACRES IN MONTGOMERY COUNTY—40 in cultivation, two springs, six-room house, barn covered with zinc, wire fence, 10 acres in pasture, with lasting water,

open range, one mile from school and church, five miles from county seat, crop on farm this year equals price asked for same, \$2,000. J. N. Morrow, Yellville, Ark.

BIG TRACT—1,256 acres timber, mineral and agricultural land, will either sell separate or all together; 15 miles south of Williford. W. N. Nelson, Nelsonville, Ark.

BOSTON MOUNTAIN FARM—160 acres, well water, six-room house, outbuildings, fruit trees, 40 acres fenced, pasture, timber land, near school and post-office, free range, good for stock raising; \$10 an acre; will also sell crop, furniture and farming implements if wanted. O. D. Autry, Crabtree, Ark.

80-ACRE DAIRY FARM—60 acres in cultivation, new four-room house, large barns, implements, for rent or sale. Des Arc Creamery Co., Des Arc, Ark.

40 ACRES IN POLK COUNTY—26 in cultivation, balance in timber and pasture, light sandy loam; smooth, on public road and mail route, good orchard for home use, blackberries and dewberries, four-room house, well, log barn, also have mail contract on Star route of 12 miles which I would transfer if desired; all farming implements, mail hack, would include six head of cattle if sold at once; \$10 an acre, terms; one and one-half miles from Vandervoort. J. L. Ridling, R. 1, Box 32, Cove, Ark.

POLK COUNTY FARM—50 acres, 40 in creek bottom, 20 in cultivation, timber, three-room house, outbuildings, telephones, one-quarter of a mile to school and church, nine-month school year, two miles from Mineral, two miles from Gillham; owing to car accident must sell at once; \$1,000 cash or \$1,200 terms. Alvin Higgins, Granis, Ark.

40-ACRE FARM—One acre of strawberries, 100 fruit trees just beginning to bear, everlasting spring, well, house and barn, other outbuildings, 20 acres in cultivation, rest in timber; for sale or trade. Frank Hobbs, R. 2, DeQueen, Ark.

STONE COUNTY FARM—For sale or Trade—Three-room log house, barn, 30 acres in cultivation, 70 in hardwood timber; \$1,000. G. W. Shannon, Mountain View, Ark.

FARM OF 185 ACRES—House, barn, 100 acres of creek bottom, no overflows, timber and pasture, well, fenced, mail route, school; will sell on long time payments, lease or give option to buy; \$3,500. S. J. Barber, Havana, Ark.

FOR SALE OR LEASE—150 acres, 50 in cultivation, 44 in Saline bottom, six in hills, four-room house, barn, orchard, one mile of Benton, near school and church; price \$4,000 with \$1,000 down and rest in payments. Chas. J. Davis, R. 1, Box 12, Bauxite, Ark.

FARM NEAR LITTLE ROCK—80 acres, 14 miles north of Little Rock, three miles west of Cato, six-room house, barn, orchard, fenced, good water, all tillable land; \$2,100; oil well going down near place. G. F. Miller, Mayflower, Ark.

420-ACRE FARM—Two miles west of Doddridge, Ark., near Louisiana line, land leased for oil and ready to drill in ten months, 60 acres cleared, balance in second growth timber, four-room house, paper shell pecan trees, fruit and vegetables, stock raising; will sell entire tract or in blocks of 40 acres or more. L. O. Davis, 11,330 South Oakley Avenue, Chicago, Ill.

STONE COUNTY FARM FOR SALE OR EXCHANGE—49 acres, adapted to fruit, berries, and market produce in general, one mile from school and town; \$1,000. Otis E. Ramsey, Bearden, Ark.

SMALL FRUIT FARM—48 acres, three and one-half miles from railroad, one-fourth mile from school, timber for farm use, five-room house, barn, pasture, 600 Elberta peach trees, good water; \$2,400 terms. E. C. Clark, R. 1, Box 18, Clarks-ville, Ark.

IMPROVED WHITE COUNTY FARM—85 acres, located midway between Searcy and Judsonia, three miles to each town, highway crosses farm, under good fence, all can be cultivated, 17 acres in timber, cash or exchange for town property or small farm near Judsonia. G. F. Roth, R. 2, Box 50, Judsonia, Ark.

YELL COUNTY FARM—400-acre farm three miles from Danville, county seat of Yell county; 200 acres in cultiva-

tion and under fence, four farm houses, four barns, five wells, greater portion of entire tract could be put in cultivation, free range; near high school where your boys and girls may receive training under experienced teachers in agriculture and domestic science; received \$1,000 rentals this year, renting for part of crop; only part of land farmed. If cut up in small tracts should bring easy \$50 per acre; \$25 per acre will buy it. Owner not a farmer and wants to invest in something unfamiliar with. Second bottom land, don't overflow. T. L. Pound, Danville, Ark.

50-ACRE FARM—Partly cleared, fenced, corn and cotton land, one crop will pay for place, three miles from station, two miles from school and church. Price \$500 cash. A. E. Wickershaw, Advance, Ark.

FARM TWO MILES FROM BERGMAN—All tillable and under cultivation except five acres of timber, orchard, grass, new house with airplane sleeping porch, light plant, ideal poultry and dairy farm; price \$5,000, part long loan, 6 per cent. B. O. Wilson, Bergman, Ark.

BAXTER COUNTY FARM—80 acres, one mile from Mountain Home, county seat and Mountain Home college, on Cotter and Gainesville road, farm fenced and cross-fenced hog tight; smooth and practically free from rock, all can be cultivated but ten acres in woodland, 40 acres in pasture, rest farm land mostly in cultivation, two everlasting springs, three-room house with screened porch, family orchard, fruit and nut trees; a desirable place to live easy and send children to college and good high school. Reason for selling I am unable to farm; price \$3,000; terms, half down, balance on easy payments. Fred Voigt, Mountain Home, Ark.

FARM IN LEE COUNTY—60 acres in cultivation, rest in woods, three houses and barns, one-half mile from school. L. A. Paslay, R. 2, Marvell, Ark.

160-ACRE FARM—In eastern part of Carroll county, 80 acres cleared, 25 in meadow, some tame pasture, small orchard, 100 acres can be cultivated, balance in timber, house, barn and other outbuildings; price \$1,600; part down and balance in payments. W. L. Binam, Delmar, Ark.

FARM FOR RENT—21 acres open land, will rent for one-quarter share crop or lease it for most any length of time; sandy soil, six and one-half miles west of Arkadelphia; will take half of the rent in work on the place; healthy location, give recommendation. Samuel D. Fulton, R. 1, Box 130, Arkadelphia, Ark.

FARM WEST OF PINE BLUFF—40 acres, three miles to courthouse, pike road, ridge land, not rocky, small house and other buildings, well, fruit, timber, cleared and fenced, near Sheridan. S. C. Currie, R. 1, Sheridan, Ark.

123 ACRES IN STONE COUNTY—16x16 boxed house, 12x16 barn, cellar, 14 acres in cultivation and 25 more to be cleared, wire fence; fine place for stock and poultry, springs, fruit; price \$800. J. C. Adams, Optimus, Ark.

GOOD PROPERTY CHEAP—New five-room bungalow, good store building, stock and fixtures, barn, grain house and other outhouses, garage and eight acres of ground; 17 miles from Little Rock in Pulaski county; price \$3,000. Ferndale Merc. Co., Ferndale, Ark.

WHITE COUNTY FARM—40 acres, all cleared and in cultivation, six-room plastered house, barn, well and spring, four miles from two good railroad towns, telephone, near school, good strawberry and cotton land, fruit for family use, two mules, two Jersey cows, wagon, mower, rake, two cultivators, planter and plow tools, for quick sale, \$2,500. Will take \$1,600 cash, balance on long time loan. E. P. Booker, R. 1, Judsonia, Ark.

82 ACRES NEAR BISMARCK—On mail route, near high school, two miles to church, orchard, land good for anything, good pasture, some meadow, well. Hugh Shuffield, Bismarck, Ark.

WELL IMPROVED FARM—60 acres, two miles from Cincinnati, nine miles from Siloam Springs. Price \$6,000. J. W. Jewell, Summers, Ark., R. 1.

WESTERN ARKANSAS FARM—89 acres, near Hackett; 70 acres in cultivation; well fenced; some timber; excellent soil; creek bottom; fruit and berries; coal on place; near railroad; price reasonable. T. Gossett, Hackett, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas,
the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK FOR SALE.

One good jack, \$100, if taken at once. A. C. Doss, King, Ark.

Big Bone Poland China, Whitaker Strain, shoats weigh from 80 to 100 pounds; price 11 cents per pound; papers furnished. John G. Whitaker, Prairie Grove, Ark.

One Poland China male, 11 months old; \$30. Coy Claxton, Cushman, Ark.

My head of purebred Hampshire hogs; special price on pigs to pig clubs; will sell at practically pork prices. R. M. Ruthven, Cotter, Ark.

Registered Jersey cows and heifers; some fresh; also a few good young bulls; guaranteed and cheap. W. Arthur Jones, Paragould, Ark.

Hampshire hogs, boar, sow, gilts and young boars, from \$12.50 to \$35. F. P. Owens, Bingen, Ark.

Fourteen head of good mules, two to seven years old, also two good jacks four and six years old. Sid Taylor, R. 1, Van Buren, Ark.

Shetland ponies for Christmas presents to the children; also Poland China hogs and Toggenburg milk goats. Barbec Stock Farm, Monticello, Ark.

Aberdeen Angus cattle, pure bred, will sell on time to reliable persons who want to get started raising this breed. R. R. King, Ivory Handle Co., Hope, Ark.

Two Jersey male calves, good breeding; papers furnished. J. C. Alexander, Prairie Grove, Ark.

Fine Missouri-bred jack, 15½ hands high; standard measure; black and white points; extra heavy bone; fine head. Claude Barnard, St. Charles, Ark.

Two young horses, 2 and 4 years old, brothers, gentle. John Geiger, Paron, Ark.

Twenty pure-bred Holsteins, bred from a son of King Segis; Pontiac Alcartra; real bargain. David Felman, Lafa, Ark.

Five cows and some beef stock, \$10 to \$35 a head. A. C. Doss, King, Ark.

Poland China sow with ten pigs; one Duroc-Jersey sow; papers with both. Price reasonable. F. W. Beyers, R. 4, Green Forest, Ark.

Two registered Jersey bulls, serviceable age; Emmet-Financial King breeding; \$50 each. W. Arthur Jones, Paragould, Ark.

Six registered double standard Polled Hereford heifers, ranging from six to ten months of age. Marvels Pride breeding. Will make a low price if taken at once. W. W. Marton, Doniphan, Mo.

One registered Jersey bull, three years old, \$40; one registered Tamworth boar, \$40; four Tamworth pigs, seven months old, \$16 each; f. o. b. Herbert P. Finger, Fayetteville, Ark.

Hampshire male, pure bred, 2½ years old, 400 lbs.; also one-year-old male, 200 lbs. R. K. Ewart, West Helena, Ark.

Poland China hogs, cheap to close out. Barbee Stock Farm, Monticello, Ark.

Registered Duroc sow and five pigs, \$50. J. W. Snelson, R. 1, Belleville, Ark.

Several big bone Duroc Jersey pigs, dark red; also two-year-old sow. C. H. Musgrove, R. 4, Box 155-A1, Pine Bluff, Ark.

POULTRY FOR SALE.

Purebred S. C. White English Leghorn hens, \$1 to \$1.25 each; pullets, 75c to \$1; cockerels, \$1 and \$1.50 each. Mrs. D. C. Davis, Pangburn, Ark.

Purebred Anconas, May hatched, cockerels, \$2; pullets, \$1 each. J. C. Adams, Optimus, Ark.

Fifteen purebred White Wyandotte hens, \$1.25 each; also two cockerels. Miss Ruby Gray, Decatur, Ark.

Purebred Bourbon Red Turkey toms and hens, early hatched. Mrs. J. J. Rittman, R. 2, Box 60, Bentonville, Ark.

Bronze turkeys, two-year-old toms, \$10; young tom, \$8; two-year-old hens, \$10; young hens, \$7; S. C. Buff Orpington cockerels, \$2; pullets, \$1; not inbred. Maud L. Harwood, R. 1, Siloam Springs, Ark.

Turkeys—30 nice birds ready to ship. Make offer. D. B. McNair, Bruno, Ark.

Two Barred Rock cockerels, \$1.75 each or both for \$3; also two-year-old Barred Rock cock, \$2. Coy Claxton, R. 2, Cushman, Ark.

Purebred Single Comb White Orpington eggs, \$2 per setting; cockerels two-thirds grown, \$1.50 each. Geo. H. Meier, Barber, Ark.

Leading Anconas eight consecutive months in National egg-laying contest. Best range cockerels, \$2.50, or five for \$10; second best, \$1.50, or three for \$4. Mrs. Avery Allen, Macon, Mo.

Keller strain White Wyandotte cockerels, \$1.50, or three for \$4. Mrs. Avery Allen, Macon, Mo.

Twenty-five S. C. Brown Leghorn pullets all for \$20. J. Martin, Franklin, Ark.

Ten standard-bred White Wyandotte pullets and cockerel, May hatched, and from an extra good laying strain, \$1.50 each; cockerels, \$3, or all for \$15. Chicks and hatching eggs in season. Jno. C. Martin, 116 N. 7th St., Rogers, Ark.

Pure bred Pekin ducks, one to two years old, \$2 to \$2.50. Mrs. M. C. Milner, R. 1, Blevins, Ark.

Burbon red turkeys—Young toms, \$5; old tom, \$7; young hens, \$4; trio, \$12. Mrs. Maud Lewallen, R. 2, Hope, Ark.

June hatched White Leghorn cockerels—Genuine English stock—Tom Barron strain. Baby chicks and eggs after Feb. 1. Mrs. A. K. Dodgen, Oak Grove, Ark.

Keeler strain White Wyandotte cockerels—\$1.50 each or three for \$4. Mrs. A. Allen, Macon, Mo.

White Orpington cockerels for sale—May hatched, \$1.50 each; no pullets; 16 Barred Plymouth Rock pullets, two cockerels, June hatched, \$16. L. C. Brannon, R. 3, Rector, Ark.

S. C. White Leghorns, extra large, from prolific layers; cock two years old, \$4; cockerel, March hatched, \$3; three cockerels will be show birds. Dr. C. M. Shelton, Neuhardt, Ark.

Eleven hens and 14 pullets Mammoth Light Brahmas, ready to lay, \$1 each. W. L. Reddell, R. 1, Box 30-c, Pindall, Ark.

Ringlet Barred Rocks, large healthy birds; cockerels, \$2.50 to \$5; pullets, \$2 to \$3. Melvin Swaby, Tilton, Ark.

Ringlet Barred Rocks. Mrs. Oscar Mears, Anabel, Mo.

Pure bred Barred Rock cockerels, \$5 to \$10. Roe Mobley, R. 7, Prairie Grove, Ark.

Giant Bronze turkeys—April hatched, toms, \$10; Buff Orpington cockerels, \$2 each; two fine Ancona cockerels, \$2 each. Mrs. Ruth Palmerton, R. 1, Box 92, Harrison, Ark.

English White Leghorns, 314 egg strain, imported breeding. Booking orders, hatching eggs, \$6 per 100; baby chicks, \$12 per 100. Mrs. Winnie Lacy, Gerster, Mo.

Choice English S. C. White Leghorn cockerels, March hatch, \$2. Shady Grove Poultry Farm, R. 2, Hot Springs, Ark.

S. C. White Orpingtons, pure crystal white, Kellerstraus strain; April hatched cockerels, \$1.50 each. David A. May, Auvergne, Ark.

Thirteen large year-old White Wyandotte hens, Regal strain, heavy layers, mated with imported cock; all for \$25, or cock for \$6; some extra fine March pullets. B. S. Patton, Bergman, Star Route, Harrison, Ark.

Barred Plymouth Rock pullets, bred to lay; April hatch, \$1.50 each. J. C. Alexander, Prairie Grove, Ark.

Fifty S. C. Brown Leghorn pullets, ready to lay, \$2 each. G. W. Jones, Vilonia, Ark.

Purebred Barred Plymouth Rock pullets, \$1.50 each; also a few cockerels, \$2.50 each. Chas. J. Finger, Jr., Fayetteville, Ark.

Narragansett turkeys, young birds, \$10 a pair; two to three-year-old birds at \$20 a pair. L. W. Forbes, Hackett, Ark.

White Plymouth Rock cockerels, 200-300 egg strain. James L. Emery, Brentwood, Ark.

White Indian Runner Ducks and Buff Orpington ducks and drakes, \$2 each or \$5 for trio. P. R. McBride, Lebanon, Mo.

Narragansett turkeys, 2-year-old toms, \$12; young toms, \$8; young hens, \$5. Mrs. Sidney Feltz, Viola, Ark.

Twelve Mammoth Light Brahma pullets. Mrs. Nina Ayotte, St. Francis, Ark.

Pair of fine Peafowls for sale, \$4. L. W. Forbes, Hackett, Ark.

Columbian Plymouth Rock hens, pure bred, good color; won first and second at Memphis and Little Rock. Mrs. J. B. Swan, Forrest City, Ark.

Single Comb Brown Leghorn and Silver Spangled Hamburg cockerels and hens; prize winners; pen of four pullets and one cockerel for \$7.50. W. F. Sndmeyer, R. 1, London, Ark.

Twenty big-bone Mammoth Black Minorca cockerels. Pope strain, \$5 to \$10 each. Claude Green, Thornton, Ark.

Single Comb Brown Leghorns, all pure-bred utility and exhibition birds; won first and fourth prizes at Tri-State Fair over 92 entries. C. V. Endy, Dover, Ark.

POULTRY WANTED.

Trio purebred Bourbon Red turkeys, must be large, rangy, healthy, reasonable cash price. F. A. Shelton, R. 1, Box 8, Ola, Ark.

PLANTS AND SEEDS FOR SALE.

Orange cane seed, \$2.50 per bushel; also Honey drip for syrup purposes, \$3.50 per bushel; whippoorwill peas, \$2.50 per bushel. A. L. Keith, Galena, Ark.

Cotton seed, pure Acala, No. 5, \$3 per bushel. F. O. B. Magazine, Ark. T. C. Oliver.

Klondyke Strawberry plants, \$3 per thousand, f. o. b. Griffithville, Ark. G. L. Pence, R. 1, Box 77.

Rowden Cotton seed, \$2.50 per bushel; Express 350 Cotton seed, \$2 per bushel in car lots; Delta-Prolific Seed Corn (U. S. 201), \$3 per bushel for 10 bushels or more. R. L. Dortch, Scott, Ark.

Cumberland Raspberry plants, Regis everbearing raspberry; early harvest McDonald blackberry plants; Progressive everbearing strawberry plants. Roy Whitney, Garfield, Ark.

No. 999 Giant Everbearing strawberry plants cheap. J. S. Faubus, Box 21, Combs, Ark.

Twelve large mixed gladiola bulbs, 25c; 12 all different named, 50c; 200 gladiola bulbs mixed from over 200 varieties, 25c; 25 packets of flower seeds, all different, 25c; list of fruit plants free. J. C. Jay, Eureka Springs, Ark.

High grade cleaned orchard grass seed, 20c per pound; will pay freight on all orders for 100 lbs. or more received by December 31. A. K. Dodge, Oak Grove, Ark.

Twelve hundred bushels of first picking Rowden gin-run cotton seed—85 or 90 per cent pure—\$2 per bushel, f. o. b. Atkins. Alexander & Gibson, Atkins, Ark.

Mebane Triumph cotton seed, \$1.75 per bushel. F. P. Owens, Bingen, Ark.

White Spanish peanuts, 7c per pound. F. P. Owens, Bingen, Ark.

Louisiana Red and Louisiana Pink wilt-resistant tomato seed: Packet, 15c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.25; 1 lb., \$6. Louisiana Cauliflower Association, Baton Rouge, La.

Orange cane seed, \$2.50 per bushel; also honey drip cane seed for syrup, \$3.50. A. L. Keith, Galena, Ark.

Early frost-proof cabbage; crystal white and yellow Bermuda onion plants, 30 cents per 100; \$2.50 per 1,000, postpaid. G. B. Moran, Kirby, Ark.

SEEDS AND PLANTS WANTED

Pure strain Proctor seed corn, sometimes known as "Freezier," also Half and Half cotton seed. H. M. Gibbons, Dover, Ark.

MISCELLANEOUS FOR SALE.

Fancy apples for the holidays: Delicious, \$3.40; Stayman Winesaps, \$3.25; Mammoth Black Twigs, \$3; bushel boxes. Jno. C. Martin, 116 North Smith St., Rogers, Ark.

Tobacco—raised in Arkansas, sun and heat cured, 20c and 25c per pound in six-pound lots. E. R. Parker, Anderson, Ark.

New Nearhart Knitting machine, \$38. W. Gullick, Clifty, Ark.

Potato planter with fertilizer attachment; also potato and peanut digger; also potato and orchard sprayer; cost \$275; will take \$100. F. L. Gilbert, R. 2, Box 80, Nashville, Ark.

Tobacco—a nice lot of home-grown crop at right price. D. B. McNair, Bruno, Ark.

Black and steel gray Flemish giant rabbits, four to nine months old, will trade for Partridge or Barred Rock chickens. E. G. Carter, Box 103, St. Joe, Ark.

Good hay, \$16 a ton. G. G. Heathcock, R. 1, McGhee, Ark.

Home-grown tobacco, chewing or smoking, grown and cured by an old Kentucky tobacco grower. Jas. O. Bragg, R. 3, Paragould, Ark.

Home-grown tobacco for sale; price on request. George A. Wade, Banner, Ark.

Your name, business and address printed on 200 letter heads or 200 envelopes for \$1 in exchange for clover seed, sorghum, peanuts, peas, potatoes, etc. S. J. Barber, Havana, Ark.

Two carloads of clover and timothy hay at \$20 a ton f. o. b. O. A. White, Coin, Ark.

WANTED.

Eight or ten cars of ear corn, quote price f. o. b. your station. Clyde Head, Ashdown, Ark.

All kinds of oats and herbs such as Wahoo bark, lady slipper root and many others. Write for list. Southwestern Crude Drug Co., Inc., Bristol, Va.

Wanted to exchange, good squirrel, possum and rabbit dog for Walker fox hound. Have for sale two male Walker pups, value \$20. W. B. Dixon, Jr., St. Paul, Ark.

Men to work road and take pay in live stock. Have one mare, two horses, two good young mules, cow and heifer to trade for labor. T. F. C. Lamb, Hill Top, Ark.

Corn—We are in the market for a few cars of ear corn; also shelled corn in sacks. Bono Mercantile Co., Bono, Ark. Wanted to Exchange—Kewpie Kodak No. 3 for quilt scraps, pullets, etc. M. M. McCall, Bradford, Ark.

Wanted—Female coon for fur farm. R. L. Pinney, R. 2, Ladysmith, Wis.

Wanted—Corn, hay, sorghum or peanuts in exchange for work mule. Also will exchange milks goats for work team. Young Bros., Summit, Ark.

CALF CLUB MEMBERS SET PACE FOR BETTER FARMING IN SEBASTIAN COUNTY.

By W. J. Jernigan.

The Sebastian County Jersey Calf Club is the first real purebred calf club that has been organized in this state. The organization of this club was the outgrowth of the dairy work started in that county among the farmers about four years ago when our county agents there, with the assistance of the dairy specialist, brought in one or more carloads of dairy cows. At that time there were no farmers selling milk or cream. Today there are between 400 and 500 farmers selling cream in that county. The sales last year amounted to a little more than \$200,000, the Greenwood station putting out nearly half of that. So when we selected Sebastian county this year in which to organize a purebred calf club among the boys and girls, we found the parents and business men "ready to go." The parents had been convinced that the dairy industry was a practical thing for the average farmer. They were so ready to co-operate with us that they were willing for their boys and girls to pay an average of \$115 for the purebred calves. In fact, they wanted their boys and girls to have the best and so the dairy specialist and County Agent Gayre went to Kentucky and, not finding what they wanted there, went on to Michigan where they purchased the calves.

A few of the boys were able to pay for their calves, but most of them were financed by the Bank of Greenwood and the local business men of Fort Smith. There were 25 members in the club. Those boys who were not able to pay cash for the calves, grew some sort of crop or other live stock that they might be able to pay off as much of the loan as possible this fall, and I am told by the county agents that most of them will pay off their loans. However, they have two years, at 6 per cent interest, in which to pay off these loans.

The members cared for these calves under the instructions of the county agents and the dairy specialist.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

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VOL. 10, No. 1

LITTLE ROCK, ARKANSAS

JANUARY, 1924.

A New Year's Message to the Farmers of Arkansas

By Jim G. Ferguson, Commissioner Mines, Manufactures and Agriculture

ANOTHER year has passed and the farmer turns a new page, ready to begin twelve months more of hard work. It is a good time to take stock of things, to look around and think a little. How much better off is the farmer today than he was on last New Years? If he has not taken a stride ahead what is the reason? We can't farm by chance; we must know what we are doing and the only way we can know for certain is to measure the future by the past—be guided by experience. It is my opinion that the farmer has more to learn by conferring with himself and his boys and his good wife than by listening to a good many other people who are trying to advise the farmer just now.

The farmer who didn't raise enough feed last year has discovered by this time that he made a mistake, for feed is scarce and high-priced. The same mistake ought not to be made again this year. The farmers who are making the most money are the farmers who live at home, who have their cribs and cellars and smoke-houses full of things to eat. No man can make a success if he has to work for farm wages and live out of city stores. We complain about canned goods and canvassed meats being high-priced. The farmer ought to be glad they are high-priced, for they are things that he should be selling, not buying. The only way we can evade the high prices is not to buy.

Last year we planted 3,000,000 acres in cotton. That is too much. We could cut it a third and produce more and at a bigger profit. Every farmer should ask himself if he is not trying to handle too much land. Couldn't we make a bigger yield per acre if we didn't have so many acres to handle. There is a big waste in careless farming. We ought to plant our crops closer and we ought to cultivate more intensely. We ought to prepare the soil better, we ought to fertilize generously and we ought to plant only the purest and best of seed.

There is nothing to be alarmed about people leaving the farms for the cities. That is a natural, normal and proper economic process. The country is the nursery of industry. It is there that the nation has its reserve supply of brawn and muscle, to be called forth when needed. When the industries are busy the country is prosperous and the farmer has a market for his products. When the in-

May the Year 1924 Bring to You and
Yours Its Richest Blessings

dustries are idle the unemployed are thrown back upon the farm because that is the easier and cheaper place to live. There will always be this ebb and flow of labor between the city and the country. Without it the cities would perish and without cities the business of farming would be unprofitable.

It doesn't matter if there are idle farms and idle acres. It isn't necessary to work all the land unless the country can consume our maximum production. It is better to turn the fields into meadows for our cattle to harvest than to spend our energy and time in plowing and cultivating crops that are not profitable. The factory shuts down and lays off its men as soon as the orders quit coming in. It does not operate at a loss. Farming is a business very much like that of manufacturing, if we only look at it that way.

If our young men can go off to the cities and get good wages we should not want to keep them on the farm, but we ought to save a place for them when the good wages are no longer to be had and when they will want to come home, for after all the farm life is the happiest and the most to be desired. There should be at all times this sensible working arrangement between the cities and the country. There is no reason why country people should envy the people of the city. We think they are better housed and better dressed than we, and they think we are more independent and happier than they, and we are, for when a city man's wages stop everything else stops.

Many a good Arkansas farmer has worked himself into an untimely grave by trying to handle too much land, by growing crops for which there was no

market and by trying to live up to an urban standard on a rural income. Here on the threshold of a new year lets resolve not to make this mistake again. Lets understand our capacities and limitations and the capacities and limitations of those with whom we have dealings, and make our crop plans accordingly.

Farmers as a rule do not make use of the help that is afforded them. There is no class of citizens that the Government is trying more industriously to help than the farmer. There are schools and colleges where his children may be trained in the science of agriculture; there are trained men who will advise him in the management of his crops; there are books and bulletins that deal with all phases of farm life and there are doctors and professors who are ready to rush to his aid when his stock is attacked by disease or his crops are threatened by insects—all of these things free for the asking. However, a great many farmers are indifferent or timid in asking about these things and some of them never receive any benefits. This should not be the case. The farmer ought to call in his county agent when a problem arises; he ought to write to the experiment station for bulletins on any subject that he may be studying and he ought to attend meetings where capable speakers from these public institutions seek to inform him about matters of vital interest to his business. It is a noteworthy fact that the most successful farmers do make use of these facilities and that the men who do not succeed are very often the ones who never work with the Government agencies. We should not complain of a government that is trying to do so much for us as our's is doing, but there are some people that honestly believe that relief from short crops, low prices and the boll-weevil is to be obtained only through politics.

There was never a time when conditions were more encouraging than they are now. The prices of all farm products are advancing. The country is prospering and able to consume great quantities of the things that Arkansas produces. We have a favorable climate, rich soils, pure water, good health and eternal sunshine. There is nothing to feel blue about in the prospect that lies before us on this glorious New Year's Day.

Half Million Loss in Arkansas' Hog Population Not Due to Race Suicide



Second Litter in One Year for This Pure-Bred Poland-China Mother.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVESTOCK FOR SALE.

Registered Hampshire hogs, sows, boars and gilts. F. P. Owens, Bingen, Ark.

Male milk goat, extra large, three-fourths Toggenburg. L. E. Carter, Bakersfield, Mo.

Poland China boar; weight 125 pounds; price reasonable. Ed Loomis, Gravette, Ark.

Pure-bred Holstein bull ready for service. W. W. Stewart, R. 4, Booneville, Ark.

Twenty-three head registered Herefords, 14 cows, nine bulls, 8 to 10 months old; sired by Repeater 132; all priced reasonable. S. D. Hunt, Weaubleau, Mo.

One black jack, between 14 and 15 hands high; weighs 900 lbs.; 6 years old; sire Tennessee Black; price \$200; terms. M. Rowe, R. 1, Box 73, Amity, Ark.

Good Missouri jack; 14½ hands high; jet black and right in every particular, J. M. Rawlings, Board Camp, Ark.

Aberdeen-Angus cattle; will sell on easy terms. T. R. King, care Ivory Handle Company, Hope, Ark.

Three-year-old jack, would trade for a team of young mules. R. C. Woffenden, Box 72, Chester, Ark.

Jersey bull, serviceable age; well marked and in good condition; \$40. E. H. Thorp, Walnut Ridge, Ark.

POULTRY FOR SALE.

Single comb dark Brown Leghorn hens and pullets. Eggs in season. Clarence Young, Route 1, Box 46, Waldron, Ark.

Pair of peafowls, \$40; also Narragansett turkeys; toms, \$10 to \$15; hens, \$8 to \$10 each. L. W. Forbes, Hackett, Ark.

Barred Rock cockerels, \$5 to \$10 each; pullets and hens, \$2 to \$3 and \$5 each; cocks, \$5 and \$10 each; heavy laying strain and good show birds. Roe Mobley, Prairie Grove, Ark.

Ten Buff Orpington pullets, June hatched, \$1 each. Mrs. John Agee, R. 6, Paragould, Ark.

S. C. dark Brown Leghorn cockerels, April hatch, bred-to-lay stock; satisfaction guaranteed; copy of certificate furnished; \$2 f. o. b. T. C. Harris, Route 2, Greenwood, Ark.

Barred Rock eggs for setting, \$1.50 for 15; eggs from pure-bred range flock, \$1 for 15. Chas. J. Finger, Jr., Fayetteville, Ark.

S. C. Rhode Island Red cockerels, \$4; Airheart stock. Mrs. Maude Lewallen, Route 2, Box 125, Hope, Ark.

English White Leghorns, imported breeding, 314-egg strain; hatching eggs \$6 per 100; baby chicks, \$12. Mrs. Winnie Lacy, Gerster, Mo.

Single Comb Brown Leghorns and Silver Spangled Hamburg cockerels; cockerels, each, \$1.50, \$2 and \$2.50. Can spare a few Hamburg pullets and hens. A pen of Hamburgs, four pullets and one cockerel, \$6. All stock are prize winners. W. F. Sudmeyer, R. 1, London, Ark.

Pure-bred Rose Comb Brown Leghorn cockerels from prize winning stock, \$1.25 each. B. J. Diehl, Egger, Ark.

Pure-bred Single Comb Rhode Island Red cockerels \$1.50 to \$3 each. Dark red beauties. Mrs. S. A. Hale, Caledonia, Ark.

Ancona cockerels, pure-bred; \$1 each. Mrs. C. R. Fox, DeWitt, Ark.

Four S. C. Brown Leghorn cockerels, \$2 each; one pullet, \$1.50; six S. C. White Leghorn pullets ready to lay, \$1 each. Miss Leota Newkirk, Beaudry, Ark.

Sheppard's Anconas, one and two-year-old hens, \$1 each; closing out. Mrs. A. G. Boyles, Centerton, Ark.

Twenty pure-bred White Rock cockerels, \$2.50 each. A. D. Dunn, Hampton, Ark.

Keeler strain White Wyandotte cockerels, \$1.50. Mrs. Amy Allen, Macon, Mo.

Choice cockerels, Sheppard strain S. C. Anconas; eggs, \$1 per setting; \$5 per 100; baby chicks, \$12.50 per 100; \$7 per 50; \$3.75 per 25. Mrs. H. S. Edster, Route 1, Rogers, Ark.

One hundred pure-bred S. C. White Leghorn hens and early hatched pullets. L. C. Dingus, Green Forrest, Ark.

One pure-bred Ancona cockerel and three pullets, May hatched; the four for \$5. J. C. Adams, Optimus, Ark.

Four pairs of turkeys, toms, \$8; hens, \$5; one year old, from good stock. B. L. Randolph, Box 73, Newberg, Ark.

Eggs for hatching, from prize-winning Partridge Plymouth Rock chickens, Buff Orpington ducks and White Chinese geese. Mrs. Fred Sieglinger, R. 1, Stillwater, Okla.

Barred Rock stock, heavy egg-laying strain of prize winners; also setting and chicks for sale. Roe Mobley, Prairie Grove, Ark.

Eggs from fine S. C. Rhode Island Whites, \$1.50 for 15; \$7 per 100; satisfaction guaranteed; 18 years a breeder. Mrs. A. G. Boyle, Centerton, Ark.

SEEDS AND PLANTS FOR SALE.

Cabbage plants for sale. Early Jersey Wakefield; frost-proof, grown in open field; 100, 40c; 500 for \$1, 1,000 for \$2.50. Clarence Young, R. 1, Waldron, Ark.

Twenty bushels New Era stock peas, \$3 a bushel; home-grown ribbon cane syrup, \$6 per case of six gallon buckets. C. M. Howard, R. 3, Gretnier, Ark.

Apple trees, 10c to 20c; other fruit trees in proportion, grape vines, small fruits and plants; apple and plum grafts made to order. Langford Nursery, Bergman, Ark.

Texas seeded ribbon cane seed; best for syrup; 10c a pound, postage extra. Karl R. Manning, Hiwassee, Ark.

Grape vines ready for planting, Campbell's Early; Moore's Diamond, Brighton, Dreggerdamber, Niagara, Delaware, Ives Seedling, Moore's Early and Concord, catalog on request. Scranton Nurseries, Scranton, Ark.

Rowden cotton seed, \$2.50 per bushel. Express 350, \$2 a bushel; Delta Prolific, \$3 a bushel f. o. b. R. L. Dortch, Scott, Ark.

Roses, iris, Hall's evergreen, honeysuckle, day lilies, lilac, scarlet japonica, to trade for ever blooming rose cuttings, rhuarb or sage roots, small holly bushes or other plants. L. R. Gibson, Batavia, Ark.

Cumberland raspberry plants, Aroma strawberry plants, Concord grape cuttings, prices on request; Industry gooseberry plants, \$2 per dozen, prepaid; one-year-old King David and Stayman Winesap apple trees, \$2 per dozen, prepaid. Booking orders now. Geo. W. Vanzandt, Garfield, Ark.

Louisiana Red and Louisiana Pink wilt-resistant tomato seed. These varieties were developed by the Louisiana Experiment Station and are the most resistant known. Louisiana Cauliflower Association, Baton Rouge, La.

Seed Corn for sale—Germination and purity guaranteed; certified by Arkansas Seed Growers' Association. Carefully selected, nubbed, shelled and graded. Put up in new sacks for shipment. Varieties: Neal's Paymaster, Mosby and Cooke's Prolific. Earl Kilpatrick, Marianna, Ark.

Eight hundred bushels selected cotton seed; \$1.75 a bushel f. o. b. Bruno Mercantile Co., Bruno, Ark.

MISCELLANEOUS FOR SALE.

Almost new Oliver typewriter, No. 9; perfect condition; \$30. Mrs. A. G. Boyle, Centerton, Ark.

Aprons, embroidered in fast colors on unbleached muslin, 75c to \$1 each; pin cushions of cretonne and crochet, 40c each; cushion top of tan linen, 50c; crepe paper roses, crystalized, seven for 50c or 15 for \$1. Mrs. Isabelle Spears, Pangburn, Ark.

Hand crocheted white table scarf, 28x32 inches, in leaf design with fringe, value \$12, will sell or trade for S. C. White Leghorn pullets of the large strain or White Rock pullets. Mrs. L. J. Mathews, R. 2, London, Ark.

High grade chewing and smoking tobacco, 30c a pound for best; 15c a pound for second grade, plus postage; grown and cured by old tobacco grower in Arkansas. Jas. O. Bogg, Route 3, Paragould, Ark.

Shepherd dog, 17 months old, full blood. Lonnie Ferguson, Step Rock, Ark.

Fairbanks-Morse 25 h. p. oil engine, Y type, practically new; bargain. C. E. Shafer, Farmington, Ark.

Broom corn brush, good length and color; a small amount at 10c a pound delivered. Karl R. Manning, Hiwassee, Ark.

Six hound pups, 2½ months old; black and tan with white tips; extra nice ones, \$4 each or \$7 a pair; also one black and tan tree hound gyp, three years old. \$25. G. W. Napier, Route 1, Hutton Valley, Mo.

Will exchange 200 envelopes or 200 letter heads neatly printed with your name and address for farm products to the value of \$1; will take anything I can cat. Willis T. Moyer, Diaz, Ark.

Fox and wolf hound, three years old, extra fast; \$25. One male pup two months old, \$7.50; both of Hudspeth blood. W. F. Measel, Hermitage, Ark.

One coon, skunk and possum hound, eight years old; well trained, \$10. Two male hound pups, two months old, half red bone and half Beagle, pair \$5. One pair 18-months-old male hounds, half beagle and half English; good runners and treers, \$25. Shirley Scrivner, Everton, Ark.

Coon and fox dog; beagle and red bone; eight months old. Jewell Gossett, Hackett, Ark.

Fifty gallons fresh ribbon cane syrup in one gallon buckets at \$1 per gallon. P. E. Porter, Hampton, Ark.

One red fox, male, almost grown; price \$25. J. E. Hackworth, Draft, Ark.

Heart pine shingles, \$3.50 per 1,000; log run, \$2.50; saps, \$2; guaranteed. S. O. Liles, Drasco, Ark.

One good-as-new riding John Deere cultivator with all attachments. Will sell reasonably or trade for mowing machine. Joe Keith, R. 1, Box 86, McKamie, Ark.

Extra fancy Jonathan apples and Grimes' Golden, \$2.50 per bushel box. Siloam Springs Ice Co., Siloam Springs, Ark.

Men's yarn socks, knit from all-wool worsted; heather color in new rib style; 75c a pair postpaid. Mrs. Una Nelson, R. 3, Everton, Ark.

Books—A few copies of fiction by Grey and others; good as new; will sell at a bargain. T. C. Oliver, Magazinc, Ark.

Fancy Jonathan Apples, \$1.90 a bushel; fancy Black Twig apples, \$2.25 a bushel; fancy Winesap apples, \$2 a bushel; f. o. b., packed in bushel boxes, paper lined and individually wrapped 20c extra. T. A. Winkleman, Rogers, Ark.

Ear corn for sale in ear lots, good quality, correct weights; \$1 a bushel, f. o. b. Dallas J. Tyson, Sikeston, Mo.

WANTED.

Wanted—Good fox hound, seven months old. Willie Norwood, Greenwood, Ark.

Wanted—Small kodak in good condition or good guitar. Mrs. Isabelle Spears, Pangburn, Ark.

Sweet potatoes—will buy in ear lots anywhere in the state. J. L. Cannon, De Queen, Ark.

Wanted to buy—sheep hides. Chas. Brinkman, Dover, Ark.

Wanted—Used blacksmith outfit; must be good and reasonably priced. B. N. Tumate, Route 4, Box 70, DeQueen, Ark.

Fifty or 60 cars of No. 1 white corn in the shuck. Douglas, Buchanan & Crow, Merchants Bldg., Shreveport, La.

One or two cars of rough lumber for building tenant houses. Quote price f. o. b., nearest station. Wm. Byrd, Byrd Cattle Co., Carrizo Springs, Texas.

Wanted—Ten head of ewes. George Sohm, Armada, Ark.

Wanted—Corn, prefer it in the ear. Homer Fort, Jumbo, Ark.

A few cars of ear and shelled corn. Bono Mercantile Co., Bono, Ark.

Eight or ten cars of ear corn. Clyde Herd, Ashdown, Ark.

Wanted—Shelled or ear corn, also peas and navy beans. E. Johnson, R. 3, Box 53, Gravette, Ark.

Wanted—A good milk cow that will give three gallons or more milk a day. B. L. Randolph, Box 73, Newberg, Ark.

Wanted—Position as farm manager; experienced and capable. E. G. Ferguson, Allsonia, Tenn.

Wanted—Span of horses or mules; will give good trade. F. Schneider, Box 194, R. 4, Little Rock, Ark.

Wanted—Job cutting timber, preferably in northern part of state, by good millwright and mechanic. Ray W. Parcell, Pearson, Ark.

Homeseekers Who Want to Buy Arkansas Farms

J. D. Beem, Mosquero, N. M., has been supplied with literature descriptive of farming land in Arkansas.

K. N. Ohling, Box 922, Royal Oak, Mich., wants to know something about farming land in Boone county where he was told they raise more corn to the acre than in Iowa.

J. W. Phillips, Box 1, Neosha, Mo., asks about homestead lands.

H. G. Stafford, 1629 Monroe street, Madison, Wis., says he wants to buy 40 or 80 acres in Baxter county.

Mrs. E. Ellis, Box 505, Cleveland, Okla., asks about government land and minerals in north Arkansas.

Willie Wright, Carryville, Ark., is a renter who would like to homestead some land or buy a farm on long terms.

J. C. Phillips of Siloam Springs, Ark., has several cash buyers for Arkansas farm land.

Chas. A. Baker, 1713 Carroll street, St. Louis, Mo., wants to learn all he can about the country around Fayetteville and Springdale.

O. A. Lindblade, Route 3, Alta, Iowa, wants to purchase cheap land in northern or central Arkansas.

G. A. Barrett, Box 192, Musele Shoals, Ala., asks for information about the northern part of the state.

D. J. Kneal, Glenn Ullen, S. D., wants to trade for a home in Arkansas.

R. E. Pickett, Route 1, Drew, Miss., says he is interested in the country around Ozark.

T. J. Rhodes, Hagerstown, Ind., doesn't like the northern climate and is thinking of coming to Arkansas. He is a native of Tennessee and believes he would like this country better than Indiana.

MORE FARMS FOR SALE

FRANKLIN COUNTY FARM—50 acres, sandy loam, fairly level, two three-room houses, outbuildings, near church and high school, coal mines and other public works; \$1,800; terms. O. J. Perkins, Sr., Ratcliff, Ark.

FARM IN SEARCY COUNTY—160 acres; 10 acres bottom cleared, 40 acres more to be cleared, whole tract can be cultivated, four-room house, fly-proof smokehouse, barn and other outbuildings, wire fenced, brick well, family orchard, free range, farming tools and two bee hives included; \$2,200. J. W. Roper, R. 3, Everton, Ark.

STOCK AND ALFALFA FARM—200 acres; 100 in cultivation, 30 in wheat, farm on Kings river and railroad, hay sheds, barn and other outbuildings, four-room house; \$32 per acre; terms. J. E. Atwood, Berryville, Ark.

IMPROVED FARM—60 acres, eight of timber, 10 in clover, fenced hog tight, five-room house, telephone, one-half mile from postoffice, church, school, stores, railroad station. Mrs. W. Stewart, Bellefonte, Ark.

STRONG LIMESTONE LAND—144 acres well watered by springs. 80 acres cleared, fenced and set to grass, alfalfa, blue grass, timothy, clover, fine fruit or farm or stock land, near church, school and railroad, one Fairbanks Morse Oil Pull tractor, one Geiser saw rig, 50-inch inserted tooth saw, all in good shape. Will sell all together or separate. B. W. Roberts, Harrison, Ark.

DALLAS COUNTY FARM—150 acres in square body, 30 in cultivation, nearly all can be cultivated, land has been cleared and settled three years, fenced with woven and barbed wire, one six-room house, barn and other outbuildings, level, no hills or rock, black loose land, water in yard, springs in pasture, 150,000 feet of timber, near school and church, public highway and railroad, young orchard with over 100 trees; \$4,000, half down and the other on terms to suit. F. L. Beard, Holly Springs, Ark.

FORTY-ACRE FRUIT FARM—Near Bonnerdale, 30 acres in cultivation, including orchard; small box house, two wells, five acres of 9-year-old apple trees, several varieties; six acres of Elberta peach trees, 40 to 50 pears; land is sandy soil, ideal for fruit and berries; will take \$1,400 cash. Also have 420 acres near Glenwood, on Caddo river, 300 in cultivation, four sets of houses, 10 miles of wire fencing; \$9,000. D. O. Friend, R. 2, Bonnerdale, Ark.

FARM IN MADISON COUNTY—Four miles from Clifty, 14 miles south of Eureka Springs, on highway, one mile to school, 49 acres in cultivation, 30 more tillable, 10 in timber, pasture, 100 acres in black and red oak timber, spring, 40 or 50 fruit trees, 4-room house, barn, stalls; adapted to fruit, stock and farming. Price \$7 per acre. W. Gullick, Clifty, Ark.

EIGHTY-ACRE FARM—20 acres in cultivation, 50 acres tillable, remainder in good pasture land, two-room house, barn, well and several springs, one mile to school and church, good range and neighborhood; for quick sale, \$350. L. O. Liles, Drasco, Ark.

FARM MONTICELLO, DREW COUNTY—For sale or exchange for a farm in the Ozarks. H. W. Ginter, Monticello, Ark.

GOOD STOCK AND FARM LAND—160 acres, 100 acres hill land, 50 or 60 in creek bottom, four and one-half miles west of Dardanelle, Yell county; under fence; \$10 per acre, one-half down. D. H. Bray, Dardanelle, Ark.

WELL IMPROVED FARM—80 acres, 10 in timber, 60 in cultivation and meadow, 10 in Bermuda pasture, under good fence, plenty stock water, 7-room house, barn and outbuildings, potato house holds 3,500 bushels; two wells, located at the foot of Mt. Nemo, noted summer resort, near school and church. D. H. Bray, Dardanelle, Ark.

EIGHTY ACRES FOR SALE—55 acres in timber, 25 cleared, 400 acres fenced for pasture, woven wire fences, two tons of Lespedeza hay per acre this year, plenty stock water, rural mail and telephone service, free range, good community, all white people, three-room dwelling, barns with sheds. Thos. L. Duckworth, Hamburg, Ark.

CARROLL COUNTY FARM—280 acres, 200 in high state of cultivation, a \$2,500 home; springs, on highway, lots of stock and grain; land produced from 30 to 40 bushels of corn to acre this year; \$30 per acre, long time and low rate of interest. Geo. Doak, Marble, Ark.

POULTRY FARM—For sale lease and equipment; stock of Brown Leghorn hens, incubator, three-room house, 4½ acres, lease may be extended, household goods; \$225. Mrs. J. E. Vogel, Ione, Ark.

HEMPSTEAD COUNTY LAND—100 acres, 20 in cultivation, sandy land, drained; seven-room house; barn and outbuildings, four-room tenant house with outbuildings; two wells; light plant; 15 acres in pasture, six in timber, seven in orchard; two and one-half miles from Hope, 12 miles from producing oil wells; fenced,

brick school on adjoining land; \$9,000. R. L. Lewallen, Hope, Ark.

FORTY ACRES—25 acres in cultivation, fenced, rural route; \$800, terms. J. W. McManis, Siloam Springs, Ark.

BOTTOM LAND—80 acres, no rocks or overflow, some timber, will trade for breeding stock, cattle or mules; \$20.00 per acre. Reynolds Murray, Harrisburg, Ark.

FARM IN CALHOUN COUNTY—193 acres, 85 in cultivation, two miles from Hampton, two houses, pasture, orchard; \$20 per acre. C. I. Abbott, Hampton, Ark.

BOONE COUNTY FARM—57 acres, three miles from railroad, 40 acres bottom land, three-room house and barn, give immediate possession; \$700. O. O. Smith, Everton, Ark.

LOGAN COUNTY FARM—80 acres, 60 in cultivation, 20 in pasture, 14 in apple orchard, under fence, three-room house, barns, spring, near school and church. B. O. Burnette, Corley, Ark.

EIGHTY-ACRE FARM—20 in cultivation, 30 more could be cultivated, 10 in meadow, two acres of strawberries, one of grapes, fruit trees, two-room house, outbuildings, fenced, near school, four and one-half miles to summer resort of Bella Vista; \$1,600. Geo. W. Carden, R. 1, Pea Ridge, Ark.

140 ACRES SANDY LAND—30 in cultivation, 15 in pasture, balance in timber, 15 miles north of Waldo, south of Prescott. Kay Spencer, R. 2, Rosston, Ark.

FARM NEAR GILLHAM—160 acres; 60 acres open land, three miles from Gillham, four-room house, outbuildings, near school and church, desirable location; \$1,500, terms. J. J. Roberson, Gilliam, Ark.

A GOOD QUARTER SECTION—75 in cultivation, 85 acres in timber, improved houses and barns, water, reasonable. W. H. Thompson, R. 1, Hickory Plains, Ark.

TWO SMALL FARM BARGAINS—80 acres of farming land, 60 in timber, three-room house and outbuildings, near school and church, terms; also 40 acres with improvements, 15 in cultivation rest in young timber; \$10 per acre. L. P. Childers, Bunn, Ark., Dallas County.

80 ACRES FOR SALE—30 acres in cultivation. H. B. Sanders, Bismarck, Ark.

CLEBURNE COUNTY FARM—40 acres, 13 in cultivation, 30 in fruit, one and one-half miles from Edgemont; 5-room house, outbuildings, well and spring water; \$20 per acre; will take a team and Fordson tractor. R. I. Chambers, Edgemont, Ark.

FARM IN CRAWFORD COUNTY—120 acres, eight miles from Chester on Van Buren road, 15 acres in cultivation, 20 more can be cultivated; house, barn; \$900. Geo. Sohn, Armada, Ark.

UNIMPROVED LAND—Will sell either 40 or 80 acres, timbered, good for poultry farm or goat ranch; near school. Alvin Griffith, Draft, Ark.

RANDOLPH COUNTY FARM—50 acres, 20 in bottom land, fenced, all in cultivation except five-acre meadow; three-room house, barns, wells; two miles from Ravenden Springs; will sell or trade for town property. R. L. Hayser, R. 2, Box 60, Ravenden, Ark.

ONE-ACRE PLACE—Four-room residence, blacksmith shop, grist mill, chop mill and other goods. J. E. Dempsey, Huntington, Ark.

GOOD RIDGE LAND—160 acres; 45 in cultivation, balance in timber, house and outbuildings, blacksmith shop, spring water. A. J. Oberltnr, Three Brothers, Ark.

STONE COUNTY FARM—160 acres, 15 in cultivation, 80 can be cultivated, two-room house, barn, well. L. C. Dehls, Kahoka, Ark.

TWO FARMS IN RICE BELT—160 acres bottom land; 120 in cultivation; four houses, barns, water, pasture, soil suitable for anything; located on Cotton Belt between Stuttgart and Pine Bluff, near school and churches, will sell for less than half on account of illness of family; \$47.50 an acre. Also 100 acres, two and one-half miles from town, bottom land, 90 acres in cultivation, fresh land, second crop, pastures, three houses, barns, water, free range, \$40 an acre, terms. M. M. Bryant, Humphrey, Ark.

FARM IN STRAWBERRY DISTRICT—60 acres, five acres of berries, 35 in cultivation; seven-room house, barn, well, near church and stores, high school, on hard surface road. J. H. F. Powell, Box 94, Ward, Ark.

GREEN COUNTY FARM—108 acres, 70 in cultivation, 40 of creek bottom land; seven miles from Paragould on gravel road; well, orchard; \$3,500, easy terms. S. E. Woodson, R. 3, Paragould, Ark.

FOR SALE OR EXCHANGE—120 acres on state highway, near school and postoffice; fruit and truck land, 40 acres in cultivation, family orchard; tame grass. E. H. Glasgow, Lurton, Ark.

CEDAR VIEW FARM—In north Franklin county, between Cass and Ozark, 180 acres, 45 in cultivation, 15 in creek bottom, pasture, everlasting water, two sets of houses and outbuildings, more land can be cleared; near school and church; \$1,000; terms; old age is reason for selling. W. P. Anderson, Watalula, Ark.

JOHNSON COUNTY FARM—67 acres, nine acres improved, 18 miles from railroad, young orchard, near school and church, fine stock range, timber; \$400; terms. J. M. Graves, Mt. Levi, Ark.

LAND IN GARLAND COUNTY—110 acres; 40 acres in cultivation, 20 in pasture, 50 in timber, one mile to school, 16 miles to town; black loam soil; corn, oats, cotton the main crops; wells, four-room house, barn, fruit trees; \$15 an acre; possession at once; terms. Mrs. Mary D. Young, Jessieville, Ark.

40 ACRES FRUIT LAND—Near Fayetteville, water, timber. Ernest Denney, Fayetteville, Ark.

FOR SALE OR TRADE—For smaller farm; 160 acres, 80 in cultivation, 80 in creek bottom land, 60 bushels of corn per acre. Roy Murray, Box 254, Harrisburg, Ark.

LEVEL MOUNTAIN LAND—80 acres in Stone county, near school and church, postoffice and railroad station; orchard for family use, house, barn, 10 acres in cultivation; \$600. Page Rolan, Flag, Ark.

SCOTT COUNTY TRACT—50 in cultivation, more to clear, 80 in pine timber; one set of buildings; orchard, pasture, fenced, near school and church; \$2,000. W. R. Goodner, Boles, Scott county, Ark.

FINE VALLEY FARM—25 miles northeast of Little Rock, well improved, 120 acres, level, no rocks, creek bottom, stock, grow anything, feed and tools if wanted. Elizabeth A. Gillmore, Route 3, Cahot, Ark.

MADISON COUNTY FARM—67 acres, 50 cleared, 15 or 20 in blue grass pasture, other cleared and cultivated, three-room house, barn and other outbuildings, fruit trees, one-half mile of school and church; \$1,000. S. D. Pennington, Japton, Ark.

FOR SALE OR EXCHANGE—64-acre farm, 35 fenced in new wire, 12 in cultivation, six in tame grass, store building, five-room house, barn, cellar, outbuildings, well, orchard, postoffice on place, 14 miles to railroad, one and one-fourth mile to school and church. I. E. Howley, Fallsville, Ark.

FARM IN THE OZARKS—80 acres, about 10 acres fenced and in cultivation, free range for stock, small log house and barn; half of farm can be cultivated; price \$5 per acre. W. E. Wallace, Ozone, Ark.

POULTRY AND TRUCK FARM—Washington county, 23 acres, two and one-half miles east of Springdale, one-fourth mile from main highway; new four-room bungalow, new barn, good 14x20 hen house, one acre bearing grapes, one in blackberries, one in garden, 10 acres can be cultivated; ideal poultry ranch; price \$1,250. John R. Clark, R. 2, Springdale, Ark.

160-ACRE FARM—Part in cultivation, 15 acres of orchard, well, fair houses, free range, timber, good school and church; price \$2,000. Also a farm of 175 acres, two sets of houses, good cellar and barns, part in cultivation; will grow anything; free range; good school and church; timber; good neighborhood; fine for fruit; price \$2,000. Also a farm of 211 acres, part in cultivation, fair house, good water; will grow corn, cotton and almost anything; fruit, timber, free range, good school and church; price \$10 per acre. Write C. W. Elkins, Harmony, Ark.

FOR SALE OR TRADE—Five lots, three-room house, small barn, good school and churches; price \$1,000. W. J. Buckalew, Traskwood, Ark.

GOOD HAY, CORN AND FRUIT FARM—160 acres, fair improvements; well located. If interested in land in the Ozarks write for full descriptions; price \$500 cash, balance long time or will take good car or tools or machinery for balance. Must sell. A. F. Toliver, Summitt, Ark.

BOONE COUNTY BARGAIN—120 acres, 100 cleared, balance in timber, all fenced, two good barns, five-room house, chicken houses, other outbuildings; price \$4,000. Terms on part and will take a good car as part payment. H. S. Walker, Bellefonte, Ark.

DAIRY FARM IN WASHINGTON COUNTY—One mile from Prairie Grove, good churches and high school affiliated with State University; 14 miles distant over good graded road; 210 acres, 195 in cultivation, balance woodland pasture, land free from stumps, rocks and gullies; fenced and crossed with barb wire; six-room two-story house, good outbuildings, well equipped barns, windmill, pump, stock tank, well, stock scales, hen houses. Will sell for cash or trade for farm elsewhere. Write for price. J. B. Whitaker, Prairie Grove, Ark.

WELL IMPROVED FARM—160 acres, level land, adapted to corn, cotton and all kinds of hay, one-fourth mile from railroad station and on main highway from Piggott to Corning. For sale or lease. Write M. V. Morrow, McDougal, Ark.

FOR SALE OR EXCHANGE—60 acres of land, 35 open, 25 in timber, five-room house, barn and two hen houses. On public road and five miles from railroad station, one mile from postoffice, church and school. Oil well being drilled within one-fourth mile; 1-16 royalty goes with place. Price for quick sale, \$1,800. Would trade for small place near some railroad station in good community near church and school. J. H. Etigall, New London, Ark.

BENTON COUNTY FARM—50 acres, 30 in cultivation, balance in timber and pasture, all fenced; three-room house, barn; near highway, high school, shipping point and canning factory. Price \$1,200. H. Rogers, R. 2, Box 125, Garfield, Ark.

COTTON FARM—169 acres, 80 in cultivation, 80 in timber, 10 deadened, two dwellings, good outhouses, near school and church; black sandy loam. George A. Lamb, Bono, Ark.

55 ACRES ON HIGHWAY—One-half mile from Wheeler, Ark., in grape and strawberry belt, one acre in grapes, four acres in clover, good rich land, 13 miles from grape juice factory; will sell or rent. Write J. Wallred, Wheeler, Ark.

FARM IN THE OIL BELT—160 acres, 100 cleared and fenced, 50 in bottom land, remainder rolling ridge land, clay and sandy soil, house, outbuildings, cellar; two and one-half acres of orchard, fruit; price \$4,000; reasonable terms. T. L. Cate, Hickoria, Ark.

UPLAND FARM FOR SALE—40 acres, well terraced and drained, orchard, barn and other outbuildings, four wells of soft water, two cows, two hogs, fine team of work stock, plenty of feed, farming implements, household articles. Price \$1,800 for everything. L. C. Nolen, Cecil, Ark.

RANDOLPH COUNTY FARM—306 acres, strong land, one and one-half miles from railroad town; 100 acres in cultivation, 130 under wire fence. Current river-bottom land will produce 40 to 65 bushels of corn per acre, meadow will make cotton and hay; four-room house, outbuildings, splendid stock farm. Price \$25 per acre; \$3,500 cash, balance on payments of two and three years. S. C. Tipton, Biggers, Ark.

70 ACRES ON CROWLEY'S RIDGE—Four-room house, well, good improvements, three miles from railroad station; farm grows corn, cotton wheat, oats, fruit or any vegetable. J. W. Kirk, R. 3, Piggott, Ark.

200-ACRE FARM—60 in cultivation, 140 in timber, 75 apple trees, 30 plum trees, 12 peach trees, some cherry trees, good stock and poultry ranch, spring, water in pasture, two-room house, two barns, two miles from cream station. L. B. Presley, Alabam, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



STATE BEEKEEPERS TO MEET IN FEBRUARY.

Secretary J. V. Ormand announces that there will be a meeting of the Arkansas Beekeepers' Association in Little Rock some time in February, the date to be selected later. Speakers of national note are expected to be here for the occasion and it will probably be one of the most important meetings in the history of the association.

HOG SCHOLERA OUTBREAKS IN NORTH ARKANSAS.

Dr. J. H. Bux, state veterinarian, states that hog cholera is prevalent in north Arkansas, including a portion of Baxter, Marion and Searcy counties. The State and Federal authorities have gone to the relief of the farmers in the infected area and are administering the serum and virus treatment and securing the disposal of dead hogs.

Most of the losses from hog cholera in Arkansas occur during the winter and spring months and it is recommended that hogs in the infected area be treated at once. Herds not treated should be closely observed and if sick hogs appear they should be separated from the remainder of the herd. Owners will be given assistance in the handling of the situation if they will communicate with their county agent or the State Veterinarian at Little Rock.

ARKANSAS' OFF YEAR IN CROP PRODUCTION.

The average yield per acre of all crops combined was estimated by the department for the date of November 1 at 96.1% of the average of recent years. The North Atlantic and South Atlantic states were severally above their average except New Jersey, Pennsylvania, South Carolina and Georgia; the North Central states were severally above their average, except Wisconsin, Minnesota, North Dakota and Kansas; the South Central states were severally below their average, except Kentucky; among the Western states, only Colorado, Wyoming and New Mexico were below; and the three Pacific states were above their average.

Leading states with average yield per acre of all crops combined above their average of recent years were Maine with 120.8 per cent, Washington 118.4 per cent, Rhode Island 114.6 per cent, and Oregon 111.6 per cent. At the other extreme, the average yield per acre of all crops combined, compared with the average of recent years, for each state, was 59.7 per cent in Georgia, 66.1 per cent in Mississippi, 66.4 per cent in Arkansas, 74.5 per cent in Oklahoma, and 76.7 per cent in Alabama.

Corn production was estimated at 3,029,192,000 bushels, or about the same as the

forecast for October 1. This is about 140,000,000 bushels greater than the crop of last year, but 39,000,000 bushels below that of 1921 and 179,000,000 bushels below that of 1920. This crop was very uneven in yield and quality.

PRICES OF THINGS TO EAT, HERE AND ELSEWHERE.

The following schedule of prices of table supplies was compiled by the U. S. Bureau of Labor, and shows the average retail prices in Little Rock and for the county at large on September 15, 1923:

	Average for County at Large	Average Prices in Little R.
Coffee, per pound.....	36.2c	41.0c
Rice, per pound	9.6c	7.8c
Beans, Navy, per pound.....	10.8c	11.5c
Flour, per pound	4.9c	4.8c
Meal, per pound	3.9c	3.3c
Potatoes, per pound	2.3c	3.8c
Pork Chops, per pound	36.7c	33.9c
Lard, per pound	17.9c	19.1c
Butter, per pound	55.0c	54.5c
Eggs, strictly fresh, doz.....	44.8c	40.7c
Sugar, granulated, per lb....	7.9c	10.6c

NEW LIST OF COMMERCIAL OR- GANIZATIONS IN ARKANSAS.

Compiled by Ray Gill.

Arkadelphia, Chamber of Commerce, E. M. Hall.
Batesville, Chamber of Commerce, K. L. Estes.
Benton, Chamber of Commerce, L. B. White.
Bentonville, Community Club, J. R. Craig.
Blytheville, Chamber of Commerce, J. M. Brooks.
Camden, Chamber of Commerce, R. D. Wright.
Conway, Commercial Club, I. Hartje.
Corning, Chamber of Commerce, E. V. Sheeks.
Cotton Plant, Commercial Club, W. G. Jones.
Dermott, Chamber of Commerce, C. M. Measel.
Earle, Chamber of Commerce, F. S. Forrester.
El Dorado, Chamber of Commerce, Geo. Firmin.
Eureka Springs, Commercial Club, G. Nicholds.
Fayetteville, Chamber of Commerce, W. F. D. Batjer.
Forrest City, Chamber of Commerce, S. P. Bailey.
Fort Smith, Chamber of Commerce, Ray Gill.
Helena, Chamber of Commerce, Geo. A. Sanford.
Hope, Chamber of Commerce, Myrtle Graves.
Hot Springs, Chamber of Commerce, F. L. Body.
Jonesboro, Chamber of Commerce, I. C. Perkins.

Little Rock, Board of Commerce, C. F. Holland.

Magnolia, Chamber of Commerce, J. C. McNeill.

Malvern, Chamber of Commerce, J. P. Bridewell.

Newport, Chamber of Commerce, Ray Brown.

Paragould, Chamber of Commerce, C. W. Stedman.

Parkin, Chamber of Commerce, L. E. Broome.

Piggott, Commercial Club, R. P. Sallee.

Pine Bluff, Chamber of Commerce, H. C. Couch.

Rogers, Community Club, W. T. Maxwell.

Searcy, Chamber of Commerce, W. A. Thompson.

Springdale, Community Club, R. A. Morrow.

Texarkana, Chamber of Commerce, M. E. Melton.

Warren, Chamber of Commerce, W. L. Shide.

SEED GROWERS' ASSOCIATION ASSISTS FARMERS.

By L. W. OSBORN

The Arkansas Seed Growers' Association not only lends its endorsement to the work of plant breeders in this state, but is very active in its encouragement to careful farmers who are in a position to multiply and market improved strains of cotton seed without attempting to do individual breeding of the varieties grown. There is a great opportunity for the seed grower who takes Elite or registered seed stocks of the Association and multiplies them for sale. Such a person does not go to the expense of employing a breeder. He gets the benefit, free of charge, of the plant breeders of the Agricultural Experiment Stations.

Nor does he need to use the initial stocks from the Experiment Station. He can go out of the state and obtain seed stocks from the legitimate breeders of a variety in another state, introduce it, and grow it in such a way as to maintain high purity, and then market it. The opportunity for such a grower in this state is tremendous. By following the requirements of the Arkansas Seed Growers' As-

sociation, such growers are in a position to market standard varieties to the farmers of this state at comparatively low cost. There are a number of prominent planters in the state who are developing seed growing in this way as a sideline.

SOUTH NEEDS MORE INDUSTRIES

The South has too large an agricultural population in proportion to the number of people engaged in industrial pursuits. Until its manufacturing interests are more largely developed, until more industrial plants are established, there can be no permanent, well rounded, diversified agricultural development, except where it may be carried on in spots here and there for the shipment of fruits and vegetables to Northern and Western markets.

The ideal farm conditions of the South will only be realized when every farm can sell in the neighboring market even a line of diversified products which can be raised by him or his family. The selling of chickens and eggs, and fruits and vegetables will furnish a regular income from week to week and month to month, and bring about more prosperity and a better living condition than can possibly exist in any section which is centered wholly on cotton.

The development of manufacturing in the South is, therefore, the supreme issue without which agricultural prosperity in its broadest sense can never be attained. Manufacturers' Record.

DAIRY COW A SOIL BUILDER.

A good dairy cow is an efficient machine for the manufacturing of feeds into market products. She is also a soil builder. Legume hays which the cow uses to her advantage in producing butter fat are great soil builders. A ton of butter fat when sold from the farm carries away only 7 cents' worth of soil fertility, whereas the feed required to produce a ton of butter fat, if sold from the farm, would carry away \$400 worth of fertility.

All cows are not a good market for feed, but the farmer who keeps a check on his cows knows whether or not he is marketing his feed through them at a profit or a loss.

FARMS FOR SALE

FARM TO LEASE—80 acres, 20 in cultivation, small house, barn, well, pasture, good location for stock raising; \$75 per year. I will accept work for first year's rent. Floyd A. Camp, Thornburg, Ark.

FARM IN WASHINGTON COUNTY—Good improvements, about 12,000 feet of lumber on ground, situated in fruit belt; not able physically to finish improving it. Claude C. Brogden, care Veteran's Bureau Hospital, Muskogee, Okla.

MOUNTAIN FARM IN OZARKS—40 acres, 15 in cultivation, balance in pasture and timber, nine miles east of Fayetteville, four miles north of Elkins, one-half mile from stores, near school and church; good neighbors, 2-room house, outbuildings. W. L. Kirkland, Route 1, Box 10, Harris, Ark.

BOONE COUNTY FARM—40 acres, some new woven fire fencing, good out-range, cherries, peaches, walnuts, grapes, asparagus, rhubarb, everbearing strawberries, raspberries, dewberries, blackberries and native timber growing on place; \$400, terms. L. P. White, Keener, Ark.

FIVE ACRES—Three-room house, spring water piped in kitchen, walnut shade trees, on R. F. D., one mile from town, all fenced, good place for poultry; \$650, terms. Mrs. Jessie Hoobler, R. 3, Sulphur Springs, Ark.

TRIPLE "B" FARM—Two miles from Berryville, 101½ acres, half in branch bottom, suitable for alfalfa and other crops, everlasting spring, well fenced and cross fenced with woven wire, four-room house, barn and other outbuildings, if taken before Feb. 1 will throw in stock and machinery for \$40 per acre. F. W. Beyers, R. 4, Green Forest, Ark.

VAN BUREN COUNTY FARM—82 acres, 20 cleared, 15 in cultivation, five in grain, five-room house, barn and other

out buildings, well, four springs, 75 fruit trees some bearing, one and one-half miles to school and church, 10 miles west of county seat; \$900. L. M. Watson, Crabtree, Ark.

TEN-ACRE FARM—Eight in grapes and fruit trees, suitable for truck farming and poultry, three-room house, outbuildings, well, one mile from Bauxite on good road, lively market, near school, healthy location, reasonable price. Miles Clift Lonsdale, Ark.

FRUIT AND POULTRY FARM—80 acres north bench land, very rich, 90 bearing apple trees, 30 acres under fence, house and other outbuildings, four miles east of Brentwood, one mile from school and church, spring, plenty of timber for building purposes, sawmill on place. Cash price \$500, with three years freedom from land taxes. Blindness forces owner to sell at once. P. L. O'Bryan, Wyola, Ark.

LESS THAN \$10 AN ACRE—265 acres near Mt. Olive, one and one-fourth miles from Boswell, good schools and churches at both places, 60 acres in cultivation, more could be cultivated, 100 acres in woods and pasture, two houses, barns, cistern, spring and good pond in lot, 50 fruit trees, six grape vines, hog wire fence; \$2,000 if taken at once. W. W. Jeffery, Mt. Olive, Ark.

FARM IN THE OZARKS—240 acres, 90 in cultivation, balance in timber, more can be cleared and cultivated, fine for fruit, berries or stock, good springs, clear title, taxes paid, buildings in bad condition, must sell at bargain as it belongs to heirs and must be sold; \$12.50 per acre for quick sale. Geo. W. Vansandt, Route 2, Garfield, Ark.

OZARK LAND—80 acres in Madison county to rent or lease. Write for terms, Bessie Neal, Patrick, Ark.

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LITTLE ROCK, ARKANSAS

FEBRUARY, 1924.

How to Save from One to Five Dollars a Ton on Your Fertilizer Bill—Use High Grade Instead of Low Grade Mixtures

By DR. G. S. FRAPS.

Plant food costs less per pound in high-grade fertilizer than in standard-grade. A study of average selling prices shows that a pound of plant food will cost 11 per cent more in standard-grade phosphate and nitrogen, and 13 per cent more in standard-grade complete fertilizers, than in high-grade fertilizer. This would mean a saving of \$3.30 to \$3.90 on fertilizer costing \$30.00 a ton, and \$4.40 to \$5.20 in fertilizer costing \$40.00 a ton. A ton of high-grade fertilizer costs more, but contains more value for the money.

Fertilizers supply the three forms of plant food most necessary for growing crops, namely, phosphoric acid, nitrogen and potash. For best results, other conditions should be favorable, such as a soil in good physical condition, a well prepared seed bed, good seed, good cultivation and a good legume rotation. Nitrogen is the most expensive plant food, and for this reason the amount of fertilizers used generally does not supply all the nitrogen required by the crop. A cropping system which includes the regular growing of legumes, such as clover, cowpeas, or peanuts, to be turned under or grazed off should be followed for the purpose of securing nitrogen from the air. Such a system also adds to the soil, utilizes time and labor to better advantage, aids in destroying insect pests and plant diseases, and has other favorable effects.

What fertilizers to use depends upon the kind of soil, the climate, the crop, how long the soil has been in cultivation, whether or not it has grown legumes to be turned under or grazed off, what the soil will produce without fertilizer, and other conditions.

Old soils, or sandy soils generally, need more nitrogen than new soils or clay soils. Soils having a legume rotation need less nitrogen than those cropped constantly to non-legumes.

Clay soils and soils with clay or loam subsoils need little potash for ordinary farm crops, but light sandy soils with sandy subsoils may need potash. Larger amounts of fertilizer may be profitably used on crops with a high acre value, such as fruit or truck crops, than on ordinary farm crops. The fertilizer on cotton may profitably be twice as much as that used on corn.

The recommendations given below represent the best information and will be modified from time to time, as more experimental data are accumulated, and further practical experience is secured.



What Fertilizer Does for Cotton—Treated and Untreated Rows Compared.

Cotton.

Loam soils with clay or sandy clay subsoils, such as Susquehanna, Lufkin, Orange, burg, or similar soils. If 200 to 400 pounds are used, 12-3-0 or 10-4-0 or 10-4-2; if over 400 pounds are to be used, 10-4-2 or 12-3-3.

Deep sandy soil, such as Norfolk sand. If 200 to 300 pounds are to be used, 12-2-2 or 12-3-3 or 12-4-4; if 300 to 400 pounds or

8-4-4. However, these are not good cotton and corn soils and are better adapted to vegetables.

Land which produces an excessive stalk and does not fruit well, chiefly bottom land; use 200 to 400 pounds of 18 per cent or 16 per cent acid phosphate.

Black waxy land, such as Houston black clay or other heavy black limestone soils of Central Texas. A legume rotation is

needed most of all. Fertilizers are uncertain. A trial may be made of 200 to 300 pounds of 10-4-0 or 12-4-4, or 100 to 200 pounds nitrate of soda, or 100 pounds acid phosphate, and 100 pounds nitrate of soda.

Corn.

Loam or clay soils with clay or sandy clay subsoils, such as Susquehanna, Orangeburg, or similar soils with legume rotation: use 200 to 300 pounds of 18 per cent or 16 per cent acid phosphate, or 200 to 300 pounds 12-3-0.

Loam or clay soils with clay or sandy clay subsoils, without legume rotation, in cultivation eleven years or more: use 200 to 300 pounds 12-3-0 or 10-4-0 or 10-4-2 or 12-3-3.

Deep sand soil: use 200 to 300 pounds 12-2-2 or 12-3-3. This is not a good corn soil.

Land which produces a heavy stalk but does not fruit well: use 200 to 400 pounds 18 per cent or 16 per cent acid phosphate.

Black waxy land (Houston black clay) or heavy limestone land of Central Texas. A legume rotation is needed first. Fertilizers are uncertain. A trial may be made of 200 pounds of 12-3-0 or 10-4-0 or 12-4-4.

Rice.

Land which produces a heavy straw, when rice ashes are returned to soil: use 200 to 300 pounds acid phosphate 18 per cent or 16 per cent.

Land which produces heavy straw, when rice straw ashes are wasted: use 200 to 300 pounds 12-0-4.

Land in cultivation several years, yields decreasing and straw short: use 150 to 250 pounds sulphate of ammonia applied when rice is half grown or 100 to 200 pounds acid phosphate 18 per cent or 16 per cent applied before planting, supplemented by 150 to 250 pounds sulphate of ammonia when rice is half grown, or if rice straw ashes have been wasted, 200 to 300 pounds 12-0-4 at time of planting, supplemented by 150 to 250 pounds sulphate of ammonia when rice is half grown.

Alfalfa.

Soil recently put in alfalfa: use 200 to 600 pounds acid phosphate.

Soil in cultivation six years or longer: use 200 to 600 pounds acid phosphate or 200 to 800 pounds 12-0-4.

Soils poor in lime should receive lime.

Sweet Potatoes.

Loam or sandy loam soils with clay or sandy loam subsoils. 200 to 300 pounds 12-3-3 or 12-3-0. If more is used, 12-3-3 or 8-4-4.

Deep sandy soil, if 200 to 300 pounds are used, 12-3-3 or 8-4-4. If over 300 pounds, 8-4-4 or 12-4-4.

Irish Potatoes.

On loam or sandy loam soils, if 200 to 300 pounds are used, 12-3-3 or 8-4-4. If 300 to 500 pounds are used, 8-4-4 or 7-5-5 or 8-4-6.

HEMPSTEAD COUNTY PIG CLUB BOY REALIZES \$1090 FROM ONE HOG



Milton Enson and His Mammoth Wonder.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

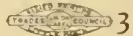
JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



CLUB WINNERS AT THE CHICAGO INTERNATIONAL.

Prizes were captured by Arkansas club members at the Second International Club Congress in Chicago last month as follows: Camille Hicks of Hope won second place in the contest in judging canned products. William Shepherd of Pulaski County took third prize in the health contest. Louise Brent of Hope was sixth in the health contest and the exhibit of clothing entered by Emma Vanderbilt of Miller County and Ruby Joyce and Nannie Gentry of Sebastian County won second place.

RADISHES AND CANE ARE GOOD CROPS.

On the Little River County plantation of Paul Jones, a Texarkana attorney, there was produced last year \$500 worth of radishes on a little more than an acre of land. The cost of growing this crop, Mr. Jones says, was only \$100, leaving a net profit of \$400. One acre of the same land produced 624 gallons of ribbon cane syrup, which is selling at retail in Little Rock for \$1.00 a gallon. A banker friend told Mr. Jones that if he had put his entire plantation of 1,100 acres in radishes and ribbon cane he might have had enough profit to have paid off the National debt.

BOY MAKES \$1,090 NET FROM ONE SOW.

Milton Eason, a Hempstead County club boy, is the owner of Mammoth Wonder, a Poland China, which has been called the "mother of pig club work in Hempstead County." This sow has furnished more pigs to start other boys at work than any other hog in Southwest Arkansas. In the last three years Mammoth Wonder has farrowed six times and averaged 11 1/2 pigs to the litter. The boy owner has sold \$700 worth of pigs for breeding purposes and \$550 worth for pork. In addition he has won \$135 in cash premiums, making a total income of \$1,285. The total expenses connected with the herd, including feed and labor, has been \$275, leaving a net profit of \$1,090 made from one sow.

WHO IS PEDDLING GOLD MINE STOCK IN NORTH ARKANSAS?

Director George Otis Smith, of the United States Geological Survey, has sent the State Department of Mines, Manufactures and Agriculture a copy of a letter written by him to L. C. Sprouse of Sulphur Rock, Ark., who it appears, like some others, has been given false hopes as to the possibility of finding gold, silver and platinum in Independence County. This is an expert opinion from the highest authority and it should cause investors to be careful about putting their money in "get-rich-quick" schemes. Dr. Smith's letter follows:

"The Geological Survey has no information relating to the smelter, which you state is located near Sulphur Rock, and no knowledge of the occurrence of gold,

silver, or platinum ores in Independence County, Arkansas.

"There is no government publication that would be of use to you in working out a method of concentrating ores, and in my opinion it would be the wise course for you to await the outcome of the work being done by the company which you mention before undertaking any serious investigation of local mineral deposits on your own account.

"The small specimen sent with your letter is iron pyrites. This mineral is of very common occurrence, and except where it is found essentially free from waste and in very large deposits, it has no value whatever. There is not the slightest chance that mineral of this kind contains appreciable amounts of any precious metal.

"I believe you will be interested in a book on Minerals in Arkansas which may be had by writing to the Commissioner, Bureau of Mines, Little Rock, Ark."

WINNERS IN STATE CLUB BOYS CONTESTS.

Herman McLain of Chatfield, Crittenden County, holds the record for the highest yield in the State Corn Club contest. His yield was 125.6 bushels on an acre and his total net profit, \$110.04.

Fred Williams, Jr., of Siloam Springs with a yield of 93.2 bushels per acre; Milton Baxter of Magness, Independence County, with a yield of 75.26 bushels per acre; Edward Ritchy of Prattsville, Grant County, with a yield of 62.1 bushels per acre and Robert Edwards of Texarkana, Miller County, with a yield of 61.6 bushels were next in order.

The high record boy in Cotton Club work for the State is J. W. Varner of Homan, Miller County. His yield was 1,580 pounds of seed cotton to the acre on which he made a net profit of \$157.45.

In the sweet potato clubs Wyatt Hill of Nashville, Howard County, has the record for the State, having made a yield of 76 bushels on a little less than one-eighth acre with a net profit of \$28.15. His potatoes yielded at the rate of 608 bushels to the acre.

Following are figures on the average yield, value, cost and profit per acre on corn, peanuts, sweet and Irish potatoes and cotton, made by club members:

Corn.

Average yield per acre—	33.36 bu.
Average value per acre—	\$41.86
Average cost per acre—	13.57
Average profit per acre—	28.29

Cotton.

Average yield per acre—	692 lbs. seed cotton.
Average value per acre—	\$76.67
Average cost per acre—	28.38
Average profit per acre—	48.29

Irish Potatoes.

Average yield per acre—	60.7 bu.
Average value per acre—	\$91.08
Average cost per acre—	28.92
Average profit per acre—	62.17

Sweet Potatoes.

Average yield per acre—	150.6 bu.
Average value per acre—	\$146.87
Average cost per acre—	35.43
Average profit per acre—	111.44

Peanuts.

Average yield per acre—	26.6 bu.
Average value per acre—	\$39.07
Average cost per acre—	13.26
Average profit per acre—	25.81

SEED LAW INSPECTION.

With one of the best equipped seed-testing laboratories in the United States and an active co-operation between the State Bureau of Mines, Manufacturers and Agriculture and the College of Agriculture Experiment Station the State of Arkansas on January 15 inaugurated the work of enforcing a State Pure Seed Law similar to the uniform seed law adopted in most of the states. It is announced by Commissioner Jim G. Ferguson, under whose direction the new act will be administered.

The primary purpose of the law is to safeguard the purchaser against inferior, adulterated and misbranded seed. It is a protection not only to the farmer, but to the legitimate seed grower and dealer, as it prevents the fraudulent seed vendor from doing business in Arkansas. It is expected that all reputable foreign dealers will comply with the law and tag their seed in the manner required of the domestic trade, although the law cannot be enforced beyond the borders of the State.

Dealers and others offering seed for sale for planting purposes are urged to acquaint themselves with the requirements of the law at the earliest possible time. The law requires the labelling of all seeds to show their true type and quality, where grown and by whom sold.

The person who sells the seed is held responsible for the correct labelling of seed sold or offered for sale. Farmers who sell seed on their own premises or to jobbers and dealers for cleaning and resale are exempt under the law, but if they ship seed or do the business of a seed merchant, they must label their seed and comply with the law.

State feed and fertilizer inspectors will inspect seed and take samples of stocks found in dealer's hands. These samples will be tested in the State Seed Laboratory at Fayetteville.

Commissioner Ferguson has had the State seed law published in pamphlet form with explanations and the regulations that have been adopted. This publication is being mailed upon application to all persons interested in the growing, selling or buying of field seed.

STATE BEEKEEPERS TO MEET.

Secretary J. V. Ormond of Elba, Ark., announces there will be a meeting of the Arkansas Beekeepers' Association at Little Rock on February 11 and 12. Talks will be made by prominent apiarists from over the state, and business of importance to the honey-producing industry will be considered.

Homeseekers Who Want to Buy Arkansas Farms

Wm. Lofftins, 1105 W. Thomas St., Springfield, Mo., writes that he is interested in Arkansas.

R. L. Plaster, Altamont, Kansas, wants a farm in Northwest Arkansas.

P. H. Pickens, Reagan, Wells, Texas, inquires about homestead land.

Odd Milford, R. 2, Independence, Kan., is looking for an Arkansas location.

As soon as spring opens F. T. Wesley, R. 1, Wells, Texas, is coming to Arkansas to look for a home.

Harden Crutcher, box 233, Eagle Lake, Texas, is an ex-soldier who wants to find a location in Arkansas.

Jacob Stark, 732 Olive St., Deaton, Ill., is interested in the country around Russellville and Dover. He wants a small farm.

A. B. Sibbet, 451 Jennings Ave., Fort Worth, Texas, is looking for mineral lands.

D. B. Zeigler, box 406, Pratt, Kan., wants to move to this State.

A. D. Thurber, 2255 Lipscomb St., Fort Worth, Texas, inquires about farm lands.

Kenneth Sparks, R. 3, LaFontaine, Ind., asks about land and prices in Northeast Arkansas.

W. C. Ridgely, Boodhead, Wis., asks about homestead land in Boone or Marion counties.

Carl W. Pipes, 7 East Sugar St., Mount Vernon, Ohio, is making a study of Southern Arkansas.

Mrs. Ellen Longbrake, 925 Jefferson Ave., Hebron, Neb., has been sent descriptive literature about the State.

F. E. Smoots, box 462, U. of A. Station, Tucson, Arizona, wants to know how much cash will be required to buy a farm in Arkansas.

A. H. Nienow, 1023 Michigan Trust Co. Building, Chicago, asks about lands in Perry and Arkansas counties.

E. W. Settler says he is going to "settle" in Arkansas in the near future and he wants to know about land, crops and prices.

Jacob K. Schmidt, Onaway, Mich., is a prospective homeseeker.

J. T. Floyd, 612 Reliance Bldg., Kansas City, Mo., wants to purchase a large tract of cheap land suitable for growing nuts, apples and poultry.

Chas. A. Moore, 641 Malvern Ave., Hot Springs, Ark., is looking for a cheap farm in Arkansas. He asks about the country around Bradford.

C. A. Walton, Nokomis, Ill., asks where the homestead lands are to be found.

J. W. Drummond, box 8, Libertyville, Iowa, is thinking of locating in Arkansas.

R. J. Balthrop, McEwen, Tenn., will buy and trade for good land.

John Hunt, 925 North Oakland and Indianapolis, Ind., wants to hear from owners of good cheap farms, give description and smallest amounts accepted as first payment; would buy on crop payment plan.

C. H. Lawson, Glyndon, Minn., is anxious to learn all about the investment possibilities in Arkansas.

R. B. Lowe, R. R., box 311, Oakdale, Calif., makes inquiry about the country about Fayetteville, Walnut Ridge and Jonesboro.

Ex-Governor Brough sends in the name of Hugh F. Weppeler, 3108 Wilcox St., Toledo, Ohio, who expects to come to Arkansas on a prospecting trip in the spring.

Mrs. M. L. Mathews, 163 Jefferson St., Natichitoches, La., is interested in government land.

F. F. Dodson, Oswego, Kan., wants to buy or trade for a farm near a good market.

John F. Hunt, 925 N. Oakland Ave., Indianapolis, Ind., is planning to make a prospecting trip through Arkansas.

Fred E. White, 2834 Seneca St., St. Joseph, Mo., is interested in Van Buren, Ark.

Salem E. Smith, Elk Falls, Kan., asks for full information about Arkansas.

Other homeseekers who would be interested in farm property are: H. F. Roesler, Shelbyville, Ill.; Elmer W. Kerr, Hamilton, Ill.; R. M. Seward, Tappanish, Wash.; A. J. Harst, R. 2, Millsap, Texas; and A. Ford, box 115, Paducah, Ky.

C. H. Schell, postmaster, Rattlesnake Buttes, Colo., is interested in Arkansas land.

W. E. Vaughan, 217 Ewing St., Dallas, Texas, is thinking of moving to Arkansas.

Northwest Arkansas looks attractive to J. A. Forgy, Quality, Ky., who asks for literature.

Andrew Calstoy, Garrison, N. D., asks the price of land in Northwest Arkansas.

W. A. Doolittle, care Big Creek Camp, Groveland, Calif., wants the price of uncleared land.

Frank Leighton, Mullan, Idaho; E. F. Johnson, R. 1, Murphysboro, Ill.; E. J. Popeke, 3445 R St., Lincoln, Neb., have written to the department for literature descriptive of the State.

FARMS FOR SALE

FARM NEAR LITTLE ROCK—322 acres rich sandy loam; 50 acres seeded to alfalfa; ideal stock, dairy, hay or cotton farm; grows heavy crops of corn, sorghum, potatoes, tomatoes and truck; located only a mile southeast of Sweet Home, where there is a modern rural high school and city telephone service; nearer to the center of Little Rock than the western border of Pulaski Heights; could be divided into several smaller farms, market gardens or dairy plants; timber and running water on the place; owner wants to sell because of illness. E. W. Prothro, 2410 Izard Street, Little Rock.

CENTRAL ARKANSAS FARM—154 acres, 80 in cultivation, eight in orchard, 15 in pasture; abundance of ever-running water; also two good wells; good clay loam land; 30 acres of rich creek bottom, good for anything listed in a seed catalog; fine for raising live stock and poultry; also healthy children. I know, for I raised twelve in about twenty years; grow anything good or bad; fine for fruit, berries and vegetables. Ten-room, two-story residence, two good barns, good granary and other buildings. Right on R. F. D. route and phone line; one mile to good school; also high school; one mile to railroad depot; 18 miles to Hot Springs; 33 miles to Little Rock, the two best markets in the State; good roads, neighborhood all white folks, inside and out. Reason for selling, I am too old to farm and conditions have placed me in Southwest Texas, and I don't need this farm. It is worth \$60 an acre, but I am most anxious to sell and will take \$30 an acre; half down and balance in six or eight years if desired by purchaser. This is one of the biggest bargains out. Write me and I'll tell you all about it. A. B. Shockley, Cotulla, Texas.

UPLAND FARM IN LONOKE COUNTY—94 acres, near school and church, outbuildings, two wells, large garden, some fruit and timber; \$1,000. Loan runs 10 years. Take \$500 cash and \$400 in one and two years for my equity, or would trade for good town property or small farm or stock, tools, etc. H. J. Mohbs, R. 1, Austin, Ark.

NORTH ARKANSAS FARM—200 acres, two and one-half miles from railroad town; 75 in cultivation; new eight-room house; barn and other outbuildings. \$17.50 per acre; terms. G. R. Lawson, R. 3, Batavia, Ark.

FARM IN SEBASTIAN—80 acres near Mansfield and Hartford, on R. F. D. near school and churches; \$3,600; \$1,300 payable or 30 year 5 per cent. H. L. Delaplain, Mansfield, Ark.

SANDY CREEK LAND—29 acres, 4-room house, barn; fenced; young fruit trees; near church and school; three miles to Everton; \$900. Geo. D. Bradford, R. 2, Everton, Ark.

CRAIGHEAD COUNTY FARM—117 acres, 75 in cultivation; spring, 6-room house, barn; four miles from railroad; near school; cotton or stock farm; \$2,600; terms. John Smith, Bono, Ark.

NEWTON COUNTY FARM—36 acres, eight or ten in cultivation; located on mountain, near school and church; log house; 10 acres bench land to be cleared; \$250, terms. Harrison Griffith, Garber, Ark.

FOR SALE OR TRADE—83 acres, well improved and fenced land, for description and price. J. B. Monroe, R. 1, box 37, Sheridan, Ark.

FARM IN SHARP COUNTY—160 acres unimproved land; \$5 an acre, white and red oak, cedar timber will net \$1,500; will take Ford touring car as part pay. J. M. Simon, Imboden, Ark.

BARGAIN IN SMALL FARM—40 acres, 30 can be tilled, 15 acres cleared, under fence; two-room house, small barn and other outbuildings; near school and sawmill. W. C. Sears, box 9, Low Gap, Ark.

SEVEN LOTS IN POCAHONTAS—Fenced, three-room double boxed house; blackberry patch; poultry farm; \$750, terms. J. P. Grissom, Pocahontas, Ark.

FORTY ACRES FOR \$600—30 in cultivation, pasture, on rural route; terms. I. O. Bennett, Lonoke, Ark.

UNUSUALLY CHEAP TRACT—171 acres of upland, Scott County, 12 miles from railroad; 20 acres in cultivation, remainder in timber; \$500. J. G. Livesay, Ritz, Ark.

LAWRENCE COUNTY FARM—63 acres, 40 cleared, balance in timber, five-room house, barn, cistern, pond; near school, church and postoffice; \$1,000, terms. J. G. Wells, Black Rock, Ark.

FRUIT AND BERRY LAND—70 acres unimproved land, white oak, black oak, hickory and ash timber, pastures and meadows. Must sell to finish college course. Cash price, \$500. T. B. Reece, Big Flat, Ark.

YELL COUNTY FARM—Near Chula, Ark., 62 acres, 20 in cultivation, 42 in pasture, fenced; three-room house, barn, well, free range, near school; \$1,600 if taken at once. D. K. Smith, Chula, Ark.

FORTY ACRES IN YELL COUNTY—15 acres in cultivation, fenced, near public road; three-room house, barn and outbuildings; orchard; near school and postoffice. Ollie Thompson, Chula, Ark.

MOUNTAIN FARM—240 acres, 100 in cultivation, more land to be cleared; three wells, peach and apple orchard, eight-room house, barn and other outbuildings; good schools and churches, rural route; five miles to Havana; one mile to Millard; east range on Magazine Mountain with beautiful views; \$5,000 cash; old age prompts sale. A. A. Valentine, Millard, Ark.

FARM ON EASY TERMS—160 acres, free range, modern six-room house with brick chimney, sun parlor and sleeping porch; soil adapted to cotton, corn, fruit, berries, near school and churches, near mining towns; \$20 per acre; \$750 cash, balance terms. F. B. Smart, Mansfield, Ark.

STONE COUNTY FARM—160 acres for sale or trade. D. M. Barnett, box 427, Batesville, Ark.

MARION COUNTY FARM—160 acres, well improved, 120 acres in cultivation; 40 in meadow and tame grass; six-room house, two barns, four springs; fenced with hog wire; near high school; \$22.50 per acre, terms. J. H. Hudson, Turkey, Ark.

TRACT IN WASHINGTON COUNTY—50 acres some timber, free range for cattle and hogs, will trade for good Ford or Dodge touring car; cash, \$250. Judson Wilhite, Odell, Ark.

EIGHTY ACRES FOR \$1,000—40 in cultivation, open range; four-room house, barn and other outbuildings; small orchard; near school; four miles from town; \$1,000. F. M. Boone, R. 3, box 29, Shirley, Ark.

MARION COUNTY FARM—240 acres, well improved land, one and one-half miles to railroad station; near school and church; 100 acres in cultivation, 50 in meadow, timber, stock farm also; five springs, seven-room house, barn, two tenant houses; other outbuildings. Old age prompts sale of farm; \$23 an acre. J. S. Hudson, Turkey, Ark.

FOR SALE OR EXCHANGE—120 acres, near highway, one and one-fourth miles from Dodd City; no improvements; \$25 per acre, half cash; will exchange for land elsewhere. Homer Hudson, Turkey, Ark.

BENTON COUNTY FRUIT FARM—Young orchard, 40 acres well cared for, 600 bearing apple trees, 400 new trees; house and barns. Write Mrs. J. H. Brickman, 1895 West 47th Street, Cleveland, Ohio, or The First National Bank, Gentry, Ark.

TWO FARMS FOR SALE—160 acres, 145 in cultivation, 15 in timber, well improved farming land, four miles to railroad, school and church near by, on rural route; also 30 acres, all cleared; six in blackberries; small orchard, near school and church, plenty fruit for home use. M. H. Hill, R. 3, Prairie Grove, Ark.

TOWN PROPERTY—4-room house and seven lots, also 30 acres of farm land, 20 acres in cultivation, six in meadow, balance in timber, near church and school, on highway, three miles east of Gentry; \$2,500. N. B. Holland, Springtown, Ark.

TWO SMALL FARMS—19-acre tract, three miles from town, four-room house, other outbuildings; eight acres cleared; also four and one-half acre tract, three-room house, barn, fenced. J. W. Hampton, R. 1, Hot Springs, Ark.

STOCK, HAY AND COTTON FARM—215 acres, 154 in bottom land, 70 in timber, 35 in clover and timothy meadow, small orchard, located on Mulberry River; two six-room houses, cellar, four barns, three gardens, five acres of pasture, fenced with hog wire, near school and church, store and postoffice, tools; will include 75 head of cattle, all farming machinery, four mules, eight saddle horses. Write W. S. Marshall, Ozark, Ark.

FARM IN TOWN—14 acres, cozy home, bath and water connections, cellar, well, garage, outbuildings, strawberry and blackberry acreage and orchard; ideal for truck, fruit and poultry; \$1,900, part cash, balance terms. Mrs. M. M. George, Gillham, Ark.

NINE-ROOM HOUSE and two lots for sale, located in Piggott, Ark., near court square; \$2,500, terms. Dr. L. C. Moore, R. 1, box 29, Datto, Ark.

SMALL FRUIT FARM—40 acres, 25 in cultivation, three-room house, barn, 4,000 ft. of timber, near sawmill, near school and church, 675 fruit trees; \$1,000, terms. C. H. Cobb, Belleville, Ark.

STOCK AND ALFALFA FARM—840 acres, 300 in cultivation, six barns, tenant houses, bottom land, free from overflow, growing cotton, corn, clover, alfalfa; near railroad station and school. E. H. Sharp, Walnut Ridge, Ark.

BENTON COUNTY FARM—40 acres, two and one-half miles from Centerton, seven and one-half miles from Bentonville, 12 acres in bearing orchard; eight in young orchard, good varieties of fruit, fenced and cross fenced; seven-room house, barn, garage, outbuildings, near school and church. E. Johnson, R. 3, box 53, Gravette, Ark.

FARM FOR SALE—80 acres, 30 in cultivation, 30 more to be put in cultivation, fenced and cross fenced, strong land, five-room house, well, barn, near school, two miles from Flippin, Cotter and the Dixie Dam site; \$30 per acre. Lewis Johnson, box 62, Flippin, Ark.

FOR SALE OR EXCHANGE—39 acres, 12 acres bearing apples, one and one-fourth of berries, three acres of valley, balance upland, fruit farm, improved land, four-room house, well, concrete foundation to house, concrete walk; also one box house, two barns, outbuildings, blue and orchard grass pasture, fenced, wood for farm use; two miles north railroad town; school; \$4,000. Will exchange for stock of goods. E. H. Manire, R. 3, Garfield, Ark.

GREEN COUNTY FARM—120 acres 40 in cultivation, rest in valuable timber, bottom land, suitable for corn, cotton and hay; can all be cultivated; small house and barn, water, garden; six miles to railroad, near school and church. Mrs. R. L. Shaver, Beech Grove, Ark.

WELL IMPROVED FARM—184 acres; four acres of orchard, remainder in cultivation and pasture besides 35 acres in meadow; near school and church and good market for produce; creek bottom land; water; Fordson tractor has been run all over place, no rocks, black and red sandy land; fenced and cross fenced; \$30 per acre. Old age prompts sale. Jas. L. Bennett, Beaton, Ark.

CRAIGHEAD COUNTY FARM—81 acres, 30 in cultivation, 10 more slashed off, six acres of lespedeza and red top meadow; land is mostly black sandy with red spots, three-room house; lot buildings; will produce almost any kind of farm products; one and one-half miles to school, three miles to church, eight miles to Jonesboro, six miles to Lake City; \$4,000. M. R. Griffin, R. 4, box 76, Jonesboro, Ark.

CRAWFORD COUNTY FARM—In peach growing section, near highway, three miles north of Alma, 40 acres, 30 in cultivation, eight in pasture, two in timber, 275 Elberta peach trees, two years old; two-room house, two wells, team, wagon, harness, chickens and feed for a year; \$1,000, if taken at once. August Zebert, R. 5, Alma, Ark.

MADISON COUNTY FARM—80 acres, 20 in rich bench land, newly cleared under cultivation, six miles from St. Paul, one mile from school; will grow 50 bushels of corn per acre; soft water spring, comfortable house, outbuildings. Price \$700. Chas. White, St. Paul, Ark.

OUACHITA COUNTY FARM—207 1-2 acres, 125 in cultivation, 10 in Elberta peach orchard, rest timber and pasture land; six miles to railroad, two miles to inland town, church and school; two mules, wagons and farm implements; \$4,000, terms. D. L. Robinson, Sayre, Ark.

BRADLEY COUNTY FARM—214 acres for sale, 140 acres open land, 30 in pasture, six-room house with closed hall, one four-room house, one three-room house, barns and other outbuildings; also 40 acres bottom land; \$30 an acre. W. E. Creed, Gravel Ridge, Ark.

TIMBER TRACT—674 acres timber and agricultural land, partly improved, some river and creek bottom land, near railroad, will sell separate or all together. J. C. Perry, Advance, Ark.

TEN-ROOM HOUSE—Good location, good outbuildings; also four-room house, to trade for a farm in Arkansas; houses located in Sulphur Springs. Lewis Rosier, Sulphur Springs, Ark.

STONE COUNTY FARM—123 acres in tract, 14 acres cleared and fenced with wire; 20 more to clear; boxed house, barn, cellar, chicken house, spring water, creek; will grow anything adapted to North Arkansas climate; stock and poultry preferred; \$800. J. C. Adams, Optimus, Ark.

FOR SALE OR EXCHANGE—Five-room house, Harrison, Ark.; trade for a rooming house or hotel in northwest Arkansas; \$2,000, cash difference. Mrs. Alma Robinson, care Live Wire Grocery, Harrison, Ark.

PLANTATION FOR SALE—On account of serious illness will sell 876 acres of land, 600 acres in bottoms in high state of cultivation, which produced this year 20,000 bushels of corn, 450 tons of hay, 25 bales of cotton, seven sets of houses and barns, consisting of one \$10,000 new cobblesstone residence; one three-story flour and grist mill, blacksmith shop and tools; five miles from Pocahontas, in Randolph County on the state highway running from Little Rock to St. Louis, Mo., terms. H. G. McNabb, Brockett, Ark.

FARM FOR SALE—110 acres improved, 45 acres timber, balance cleared; four-room house, outbuildings fruit, dairy and poultry farm, cistern, spring, five miles to town, school; \$4,500; or will trade my equity for smaller improved farm in German settlement not more than one and one-half miles from Lutheran church with resident pastor. A. J. R. Behukendorf, R. 6, Farmington, Mo.

YELL COUNTY FARM—80 acres, 25 in cultivation, five in pasture, 50 fruit trees, balance in timber, more to be cleared; four-room house, two-story seed house and other outbuildings, well and spring, storm house; \$15 an acre; terms on part. F. M. Putman, Bluffton, Ark.

BAXTER COUNTY FARM—287 acres, all fenced and cross fenced, 100 in cultivation; two houses and outbuildings, orchard, timber, well and creek, 12 acres of alfalfa; \$3,400. L. E. Porterfield, Custer, Ark.

WASHINGTON COUNTY FARM—80 acres bench land, good buildings, some fruit trees; \$300; also 60 acres of homestead creek and branch bottom land, wish to sell improvements to someone that can homestead it, has house and barn with ten acres rich land in cultivation, timber, improvements; \$150. M. M. Doss, Sunset, Ark.

SOUTHEAST ARKANSAS FARM—80 acres, 45 cleared, good improvements, practically new, well drained, suitable for stock, poultry or general farming; one mile from town; for sale or trade. W. I. Best, Halley, Ark.

DAIRY AND FRUIT FARM—160 acres, one-half in cultivation, balance pasture and timber, eight acres of apples, two strawberries, two blackberries; on R. F. D.; eight miles west of Prairie Grove, 12 west of Fayetteville, 15 southeast of Siloam Springs; near church and school; four-room house, well and springs; good reason for selling; \$75 an acre. Guy M. Masters, R. 1, box 28, Rhea, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK FOR SALE.

Pure bred Holstein bull; now ready for service and in good condition; cheap if taken at once. W. W. Stewart, R. 4, Booneville, Ark.

Four registered Hereford bulls, priced to sell. J. G. Garland, R. 4, Hope, Ark.

Registered Spotted Poland China pigs, ten weeks old, sired by Pawnee Monarch to Kansas Spotted Princess, who is direct descendant from Y's Royal Prince Boy, litter mate to world's champion \$16,000 boar. Recorded in National records, either sex, \$10. Byron Bindley, Harrison, Ark.

Pedigreed Big Type Poland China pigs, two boars and one sow, farrowed Sept. 18th; weigh about 150 lbs. each. Papers furnished free of charge. E. M. Billingsley, Gravelly, Ark.

Choice pure bred O. I. C. pigs, six weeks old, \$4 each. E. J. Fricks, Armada, Ark.

Pure bred Holstein Bull, two and one-half years old; weighs 1,000 lbs. F. E. Browner, R. 1, Pangburn, Ark.

A pair of big bone black Poland China hogs, cost \$735, will sell for \$112.50. The male was sired by the great Designer that sold for \$30,000, the highest price ever paid for a hog of any breed; pigs, \$10 each to close out. Barbee Stock Farm, Monticello, Ark.

LIVE STOCK WANTED.

Poland China hogs. H. J. Riggs, R. 1, Belleville, Ark.

Angora bucks, extra good for breeding purposes. M. Bird Parks, Chelsea, Okla.

Registered Jersey heifers, six months to two years old, bred or open, state price; must be reasonable. Chas. Fricks, Armada, Ark.

Angora goats. J. P. Allman, Boyle Bldg., Little Rock, Ark.

Registered Jersey bull calf; also pair of registered big bone Poland China pigs. S. L. Cazort, Austin, Ark.

One good, young registered Hereford bull. J. G. Garland, R. 4, Hope, Ark.

Male, Black, Essex hog, pure bred. W. A. Nicely, Gainesville, Ark.

SEEDS AND PLANTS FOR SALE.

Klondike strawberry plants, \$2 per 1,000; 30c per 100. J. M. Woodfield, Lamont, Ark.

McFarland seed corn, selected and shelled, 20c a pound; three pounds, 50c; 7 lbs. \$1; 16 lbs., \$2, postpaid. J. M. Shaver, Ben, Ark.

Tom Watson watermelon seed for sale. Southland Pecan Co., Columbus, Ga.

Lespedeza seed, new crop, pan caught, recleaned, best quality, rigidly inspected, guaranteed; get our latest prices. Lespedeza Seed Growers' Association, Inc., Calhoun City, Miss.

Spanish peanuts for sale, 15c per lb. B. H. Daniel, R. 1, Blevins, Ark.

Trice cotton seed for planting, direct from Burdette plantation last year. No other cotton raised on my farm and therefore no cross pollinization, \$2 per bushel, extra early, very prolific, good staple and quality and adapted to thick planting, just the cotton for boll weevil conditions. A. Bollinback, Lonoke, Ark.

Thibault June Corn, pure bred, very prolific, not mixed, \$2.50 a bushel. A. Bollinback, Lonoke, Ark.

Apple trees, 10c to 20c; other fruit trees in proportion; grape vines, small fruits and plants, apple and plum grafts to order. Langford Nursery, Bergman, Ark.

Excelsior, Klondike and Aroma strawberry plants. J. C. Roberts, R. 1, Judsonia, Ark.

Six bushels of first-class whipporwill peas, \$4 a bushel, f. o. b. C. G. Bennett, R. 2, Rosston, Ark.

Money-maker cotton seed, about 12 bushels, \$3 a bushel; also some yellow seed corn, \$3 a bushel. E. P. Harpt, Lonsdale, Ark.

Eight hundred bushels of selected cotton seed, kind that produces a good crop here; price very reasonable. Bruno Merc. Co., Bruno, Ark.

SEED WANTED.

Bur clover and lespedeza; also Dallis grass seed. H. J. Riggs, R. 1, Belleville, Ark.

A few bushels of good cotton seed, suitable for upland. T. E. Luttrell, Casa, Ark.

MISCELLANEOUS.

Hay—800 bales of lespedeza and grass hay at \$16 a ton. S. L. Cazort, Austin, Ark.

Red fox, ten months old, price \$10. John B. Drewey, Snowball, Ark.

Hayes touring car, good condition, four new tires, \$275. A. Z. Blanchette, R. 1, Hensley, Ark.

Little Brown Hen incubator, used only twice and good as new, to exchange for anything of value; turkey eggs preferred. Mrs. H. H. Harrington, Box 4, Sherrill, Ark.

Coon, possum and skunk hounds, fox and wolf hounds, \$25 each; 15 days trial. Ray Linston, R. 2, Green Forest, Ark.

One hundred Edison blue records to exchange for cylinder machine in good playing shape. Thurman Waters, Pyatt, Ark.

Chevrolet car in good condition; also three nice lots in Blevins, Ark. T. F. Burke, R. 4, Hope, Ark.

Silvertone phonograph and 35 double records for sale or will trade for turkeys. J. B. Monroe, R. 1, Box 37, Sheridan, Ark.

One 5x7 Eastman camera; one 5x7 Conley camera; one 4x5 folding kodak and one studio camera, all good as new. What have you to trade? I. E. Hawley, Fallsville, Ark.

Genuine burley tobacco, good quality, 25c a pound. C. Johnson, Omaha, Ark.

Radio round incubator; used one season; in good condition, \$20, or will exchange for Bourbon Red turkeys of equal value. Minnie Cochran, Barbee, Ark.

Good corn for sale in car lots. Luther F. Singleton, Moreland, Ark.

Team and wagon for sale. C. G. Bennett, R. 2, Rosston, Ark.

New Zealand Red rabbits, fine pets for boys, will sell buck and two does, two years old, for \$6; pure bred; can make shipment at once. Henry Sudmeyer, R. 1, London, Ark.

Fox hound, splendid breeding, \$25. Ray Langston, Green Forest, Ark.

A few real, squirrel, skunk, coon dogs, 10 days' trial; guaranteed. W. B. Dixon, Jr., St. Paul, Ark.

Car load good timothy and clover mixed, oat hay at \$20 a ton, f. o. b. Berryville. Lone Pine Stock Farm, Berryville, Ark.

De Laval cream separator, in good working order, \$35. Lone Pine Stock Farm, Berryville, Ark.

A sawmill that will do custom sawing in the Mazarn Valley; lots of timber. D. O. Friend, R. 2, Bonnerdale, Ark.

One Woodstock typewriter almost new, in perfect condition, \$65. John Bardwell, Rosboro, Ark.

Chair cushions, 18 inches square, silk brier stitched, patch work cretonne back; \$1; crepe paper roses, crystalized, eight for 50c, or 17 for \$1; pin cushions of two colors together, sateen, brier stitched, 75c each. Mrs. W. M. Ross, R. 1, box 14, Rison, Ark.

Library of good books, \$12.50. K. A. Rice, Higden, Ark.

For sale or exchange, one No. 2 Sharples suction feed cream separator, in use less than four months, \$32; will consider exchange for poultry or young cattle. G. E. Martin, Sheridan, Ark.

One 400-egg Queen incubator, good condition, \$60. Mrs. Julia Daniel, R. 1, box 18 Blevins, Ark.

WANTED MISCELLANEOUS.

Pure bred Shepherd or Collie pup, four months old or older, reasonably priced. Chas. Fricks, Armada, Ark.

Try-on knitting machine. Kenneth Olive, Brentwood, Ark.

Want place as share cropper or work as cook, yardman or helper on farm, Alonzo Wise, Hope, Ark.

Sweet potatoes in car lots. Send price. Wm. L. Willis, Albuquerque, N. M.

Beech and cherry timber. Clemson Saw Co., Middletown, N. Y.

Holly and dogwood plants suitable for replanting. Joe Francis, 714 West Tenth St., Oklahoma City, Okla.

POULTRY FOR SALE.

Purebred White Orpington cockerels. Miss Pauline Craven, Macon, Mo.

Mammoth Bronze turkeys, purebred; three young hens, \$4 each; three fine toms, \$5 each; one two-year-old tom, unrelated, \$8. G. W. Watson, R. 2, Lowell, Ark.

Single Comb Rhode Island Red eggs, \$2 per setting of 15, postpaid; laying strain. J. R. Billingsley, Gravelly, Ark.

Barron's S. C. White Leghorns, extra large hens and wonderful layers, mated to pedigreed cockerels from 300 and 312 egg line; baby chicks and eggs in season. Mrs. E. B. Jackson, Bentonville, Ark.

Bronze turkeys for sale; young toms, \$6; young hens, \$4; two-year-old toms, \$8. Lone Pine Stock Farm, Berryville, Ark.

S. C. White Orpington eggs from good winter layers, \$2 for 15; baby chicks. Mrs. M. H. Westbrook, Lexa, Ark.

S. C. Rhode Island Red hatching eggs, \$1.50 for 15; fine breeding. Mrs. Byron Bindley, Harrison, Ark.

Bronze turkeys, \$10 for tom; \$5 for hen; \$12 for pair. Louise Henson, R. 3, box 54, Harrison, Ark.

Narragansett turkeys, toms, \$10; hens, \$8. Mrs. Byron Bindley, Harrison, Ark.

S. C. White English Leghorns, Barron strain, finest layers and hustlers; eggs, \$1 for 15; hens, \$1.25 and \$1.50; cockerels, \$1.50 and \$2 each. Mrs. D. C. Davis, R. 1, Pangburn, Ark.

Bronze turkeys, large and handsome; old toms, \$18; old hens, \$10; young toms, \$8; young hens, \$7; pure stock, not in-bred. Maud L. Harwood, R. 1, Siloam Springs, Ark.

Forty Barred Rock and Rhode Island Red Capons. J. R. Billingsley, Gravelly, Ark.

English White Leghorns, 314 egg strain; imported breeding; hatching eggs, \$6 for 100; baby chicks, \$12 for 100. Mrs. Winnie Lacy, Gerster, Mo.

Twenty pure bred Brown Leghorn hens, \$1 each f. o. b. Mrs. Mawnie Mitchell, R. 2, Marmaduke, Ark.

White Leghorn cockerels, Young & Ferris strains, beauties, \$3 each; \$5 for two; eggs for hatching, per setting, \$1.50; guarantee satisfaction. Mrs. W. H. Nichols, R. 1, box 9, Bald Knob, Ark.

Pure bred S. C. Rhode Island Red cockerels, \$1.50 each. Mrs. Hazel Butts, Belleville, Ark.

Five Silver Spangled Hamburg hens and one cockerel, all for \$5, or will exchange for Buff Orpington hens or one pair of Toulouse geese, M. M. McCall, Bradford, Ark.

Pure bred Black Langshan cocks, one year old, \$1.50 each; selected eggs same stock, \$1.25 for 15. Mrs. E. J. Fricks, Armada, Ark.

Partridge Plymouth Rocks, Buff Orpington ducks, white Chinese geese. Sunny Slope Farm, Stillwater, Okla.

Pure S. C. Buff Orpington eggs for hatching, \$1.50 for 15. Mrs. Oscar Wyatt, box 70, Bono, Ark.

S. C. White and Dark Brown Leghorn hatching eggs, bred to lay, \$2 for 15; \$3.75 for 30, postpaid. Noah Oldner, McCaskill, Ark.

Mammoth Bronze turkeys, toms and pullets; Bronze turkeys trio. S. E. Martin, Franklin, Ark.

Fawn and White Indian Runner duck eggs, \$1 to \$1.50 per setting. Mrs. S. C. Clayton, Tillar, Ark.

Eggs for hatching from pure bred Single Comb Brown Leghorns. Silver Spangled Hamburgs and Single Comb R. I. Reds, pure bred and blue ribbon winners; eggs, 15 for \$1.50; 30 for \$2.75; 50 for \$3.25; 100 for \$6, postpaid. Few cockerels, S. C. Hamburgs at \$1.50 to \$2.50 each. Order eggs now. W. F. Sudmeyer, R. 1, London, Ark.

Barred Rocks, setting eggs, specially culled and mated for meat and heavy layers, \$1.50 for 15; \$8 for 100, postpaid. O. L. Thompson, R. 1, Lonoke, Ark.

Fifty Brown Leghorn hens, Booth strain, \$1 each; also 20 spring pullets at \$1 each. Mrs. Julia Daniels, R. 1, box 18, Blevins, Ark.

Buff Orpington duck eggs, \$1.25 per setting of 12, postpaid. Lee Trammel, R. 1, box 52, Harris, Ark.

S. C. Rhode Island White pullets and cockerels, high laying strain; pullets, \$2; cockerels, \$5 each; also eggs for hatching. Mrs. H. L. Puryear, Bentonville, Ark.

High producing S. C. White Leghorn baby chicks, 100 for \$13; 200 for \$25; 300 for \$36, delivery postpaid. Eggs, \$6 per 100, postpaid. 5 per cent discount on chicks ordered now for February delivery. Mrs. Walter C. Kerr, Bowling Green, Mo.

Pure bred Barred Rock cocks, cockerels, pullets, hens, settings and day-old chicks. A heavy laying strain of prize winners. Roe Mobley, Prairie Grove, Ark.

Pure bred Brown Rock pullets, \$1.50 each; \$15 per dozen; hatching eggs, \$1.25 per 15; \$2.25 for 30. Eggs postpaid. Robert R. Taylor, Smithville, Ark.

Beautiful Blue Andalusians, great layers; hens, pullets, cockerels. Mrs. J. H. Browning, Judsonia, Ark.

Beautiful Single Comb Reds, have been culled for high egg production six years. In 1923 won 21 ribbons at county fairs and poultry shows; among them one grand championship and three specials. Quality Reds and reasonable prices. Write for mating list. Beauty Farm, Ione, Ark.

Dark Barred Rock cockerels, parent flock are from eggs direct from E. B. Thompson. \$5 each. Ralph B. Amos, DeQueen, Ark.

Three Mammoth Bronze, May hatched toms, \$8 each. Mrs. Theo. Walker, R. 1, box 134, Ozan, Ark.

Barred Rocks, Thompson and Parks, 290 laying strain; prize winners; hatching eggs from selected pens; \$3 per 15 or \$18 per 100. Eggs from good pure bred stock on range, \$1.50 per 15 or \$8 per 100. Baby chicks hatched from pens, \$25 per 100, from flock on range \$15 per 100. Book orders now for chicks for spring delivery. Satisfaction guaranteed. J. B. Belew, R. 1, box 144, Beebe, Ark.

Genuine Greenhead Mallard duck eggs, \$2.50 per setting of 9; large dark Rhode Island hens, \$2 each; eggs for hatching, \$2 per 15. Mrs. K. Eidson, Springdale, Ark.

Silver Laced Wyandottes, Single Comb Black Minorca and Barred Rock eggs, \$1.50 per setting, prepaid. Mrs. Eva B. Watson, Pea Ridge, Ark.

Two May-hatched pure bred Bourbon Red toms, \$6 each; three hens, \$4 each. Mrs. Warren Tofland, Bluffton, Ark.

Big Barred Mammoth Bronze turkey eggs for hatching. Mrs. E. S. Palmerton, Harrison, Ark.

Barred Rock eggs for setting; Park's strain, \$1.25 per setting, prepaid; \$6 per 100. William Richards, Bald Knob, Ark.

Extra choice big bone early hatched pure bred Mammoth Bronze turkeys. Real quality. Toms, \$8; hens, \$5. Oza Qualls, Hill Top, Ark.

Single Comb Dark Brown Leghorn eggs, 15 for \$1; 100 for \$5, parcel post. Clarence Young, R. 1, box 46, Waldron, Ark.

White Wyandottes, Tom Barron strain, cockerels, \$3 each and up; pen won second in egg laying contest at Mountain Grove, Mo., by laying 1,132 eggs in a year; eggs in season. Fairview Wyandotte Farm, Aurora, Mo.

POULTRY WANTED.

Barred Rock stock. H. J. Riggs, R. 1, Belleville, Ark.

MORE FARMS FOR SALE

WELL - IMPROVED LAND — 40 acres; three in timber; six-room house, outbuildings, city lights and city water; adjoining the town of Searcy; will sell or exchange for stock of goods, hotel or rooming house or good residence, west part of State preferred. C. W. Shepherd, box 324, Searcy, Ark.

BRANCH BOTTOM LAND—Two wells, 250 bearing apple trees, three-room box house, one log house, outbuildings, near school, trading point. A. M. Day, R. 2, box 80, Green Forest, Ark.

YELL COUNTY FARM—40 acres improved land, heart of Fourche Valley, one mile from Plainview, near school and churches; 25 acres in cultivation, ten in timber, balance in timber, pasture and meadow; four-room house, outbuildings; \$40 per acre; will sell stock of tools, feed; terms. O. C. Green, R. 1, Ola, Ark.

FARM IN POLK COUNTY—80 acres, one and one-half miles from Grannis; 65 acres of improved and well fenced land; well and springs, six-room house, outbuildings, plum and peach orchard; terms; sale or exchange. M. J. Blakely, Grannis, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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SUBSCRIPTION FREE

VOL. 10, NO. 3

LITTLE ROCK, ARKANSAS

MARCH, 1924.

Planning the Home Garden to Give the Farmer a Fresh Vegetable Dinner Every Day in the Year

FARMING will never get so systematized that we will not need the home garden. The place where we grow our summer dinners is the most important spot on the farm. If we have a good crop of beans and peas, okra and potatoes, and the like, we will have good things to eat and when we have good things to eat we are usually pretty well contented whether the seasons are otherwise favorable or not. If it is a good crop year it is not hard to manage the garden. If it is a bad crop year it is mighty hard to get along without a garden. We ought to have a garden whether we have anything else or not. We ought not to leave this to the women and children, but if it is left to them we ought at least to clear up the garden plot and plow the beds so the rest of the work will be easier for those who are to prepare the soils and plant the seeds. This is the time for breaking the ground and laying out the plans for home gardens.

Location of the house and other permanent buildings about the farm will determine, to a great extent, the position of the garden but, where possible, it should be located convenient to the kitchen in a position where it will receive the maximum amount of sunlight. Frost is less likely to injure vegetables on high ground than on low ground, and a southern exposure on sandy loam will produce earlier vegetables than a heavy soil on a northern exposure, advises the extension horticulturist of the University of Arkansas College of Agriculture.

The size of the garden depends upon the size of the family to be supplied. A small plot well kept is better than a large plot poorly tended. The garden may be only large enough to supply the immediate family or, if well located, may be large enough to produce a supply for canning or marketing. A garden, one-fourth acre in size, on medium fertile soil, will furnish enough vegetables for a family of six. The average farm garden is from one-eighth to one-half acre in size, exclusive of the potatoes that are usually planted in a separate patch.

Mrs. L. E. Collins, of Siloam Springs, advises buying the best seeds that can be found, regardless of price. "Save your own seed when possible," she says, "selecting the seed from outstanding plants of their species."

Your garden should be on well-drained land if possible. If you must use wet



Many a Boy Has Acquired His Love for Farming by Experiences in the Home Garden.

land or in case of an extremely wet season, beds will have to be thrown up if you plant early, but later or main-crop vegetables can be planted on the level as a usual thing. Most garden ground should be covered with a fertilizer if possible and subsoiled. If this is not possible, plow deep. Soils with gravel or sand in them need the rows where seeds are planted firmed to hold the moisture around the seeds until they germinate. A heavy soil, such as clay or putty soil that runs together when wet, should be left a little rough or loose, so the top soil will not

form a crust that the small seedlings cannot get through.

It is not necessary to have the rows as far apart as some do. Sixteen to eighteen inches is wide enough for most early things. This makes less ground to cultivate, and if you lay your garden plan right you can have a second planting of radishes coming right between the rows of the early ones, or plant your beans between the rows of spinach or mustard, and when the early garden is done remove it from the ground and your second crop is already growing there.

Home Gardens in 1923 Produced Crops to the Value of \$11,303,370

We do not consider the backyard garden as an important source of wealth, but the Government reports show that the value of garden produce, exclusive of truck or commercial vegetables, grown in Arkansas in the year 1923 was \$11,303,370. This was about twice as much as was received for our rice, the second largest cash crop grown in the state; it was more than twice as much as we received for all the peaches and apples grown in the state that year, it was nearly as much as realized from the sale of milk and butter and it was a sum just about equal to what we got from all of the tame hay harvested in the state.

If you are careful you can have another crop on this same land this season.

Last year we put out onion sets and left wide strips between double rows of onions. Later we put watermelon hills in these wide strips and then harvested the onions before the vines got in our way. Later the melons were removed and a crop of fall turnips grown on this same ground.

Watch for these opportunities to make your ground raise more than one crop. The amount of your yield will depend largely upon when and how you cultivate.

Work everything over just as quick as possible after a rain and at least once every eight or ten days, if it doesn't rain. If the drouth is prolonged cultivate often, reducing your soil to a dust on top and stir this every few days with a garden rake. You can keep the ground moist a long time if you keep your dust mulch stirred. If the drouth comes at a time when you need to plant, work your soil well, having it thoroughly pulverized.

Soak your seed about 24 hours before planting and plant deep, firming your soil around the seed. You will nearly always get a good stand.

If you want early vines, such as melons and cucumbers, take a flannel cloth and cover lightly with seed, fold the ends in and roll from the side. When all rolled fold and tie, dip in warm water until you know the center is wet. Then put your roll where it will keep warm but not hot. It will require sprinkling about every day. In two or three days you will notice the little white sprout coming. Then it is time to prepare the hills, and they will come up in a few days and be fully two weeks ahead of the ones sprouted in the ground. The soil will be loose around them and free from weeds so they will grow right off.

There are so many little things we can do as the season advances to make our garden a success that it is a pleasure to keep a watch for them and give our growing plants what they need in fertilizer, cultivation, spraying for insects or any other attention like that, without which our garden would be a failure.

The success of a garden depends upon the seed, the preparation of the soil, the manner of planting, when and how the plants are cultivated while growing, the plan of the garden plot to produce as much as possible in a given space, the continuous planting to prolong the season of production and also upon the housewife's ability to put away for winter the family's needs in garden stuff.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



BURNING THE WOODS CAUSES BIG LOSS TO THE STATE.

By CHAS. A. PLYMALE,

Supervisor, Arkansas National Forest.

Eight Southern States have received sums ranging from \$176.19 to \$9,517.16 from the Forest Service, U. S. Department of Agriculture, as their share of receipts from National Forest resources during the fiscal year 1923, according to an announcement from the office of the secretary of agriculture. Notices of the awarded sums have been sent to the governors of the various states.

Arkansas, with two national forests, embracing 957,247 acres, received \$9,517.16.

One-fourth of the moneys received by the Forest Service from timber sales, grazing permits, and other uses of national forest lands is turned over to the states in which such lands are located on a pro rata basis in accordance with an Act of Congress. Such sums are for the school and road funds of the counties containing national forest lands.

One-tenth of our national forest receipts is spent on local roads. This little fund has already yielded \$50,000 for roads that serve our local people. Under a federal law of 1916 another \$97,000 has been spent on roads through the national forests of Arkansas, and another \$143,000 has been provided for forest highways under a law of 1921. The forest service has built or started work on 61 miles of primary roads, 67 miles of secondary road and 500 miles of trail in Arkansas. It is simply the existence of these forests as great public properties which justifies spending all this public money in opening up the local routes for transportation. If the forests are destroyed or so damaged as to greatly lower their value, this great development work which we all want continued would surely stop.

What is it that holds our per acre stand of timber in the Arkansas National Forest down to 1,500 board feet, when it should be 15,000? What is it that holds our total stand down to 1,280 million feet, worth six and three-quarters millions dollars, when it should be five, yes, ten times greater? What is it that prevents a marked increase in local industrial development—a great improvement in our social and civic welfare? What is it that cheats our seven counties out of steadily growing cash returns from our National Forest receipts? What is it that threatens the continuance of government expenditures locally in road building and similar improvement work? What is it that has driven the game from our timbered hills, destroyed much of the beauty of our home land and diverted thousands of dollars in money and time of forest officers from constructive work, which would help our local people, to the unproductive job of holding down the damage to the lowest possible figures?

The practice of burning the woods, carried on persistently year after year by a few of our own people who are blind to their own best interests!

The annual fire season is here. Last

year we had 365 fires in the forest. Will you help us cut this figure in half for 1924 by taking the facts I have given you, using every opportunity you can to impress them on the minds of your friends and neighbors, and by publicly condemning the woods-burning practice whenever and wherever you can. If you will do this I know your influence will be felt and reflected in a forest fire record for 1924 in the making of which you may justly be proud of having shared.

STATE TIGHTENS RULES GOVERNING SALES OF MIXED FEEDS.

Commissioner Jim G. Ferguson has given notice to five hundred and sixty manufacturers who are shipping feed stuffs into Arkansas that the attempted marketing in this State of low grade feeds and of feeds containing excessive amounts of oat hulls and other fibrous materials of little or no feeding value, will not be tolerated in Arkansas and that feed cannot be sold in this State that does not come up to recognized standards of quality.

To this end an order was issued by the department announcing that in the future no brand of feed would be registered in Arkansas, the guaranteed analysis of which does not show 9 per cent or more of protein. All registrations of mixed feed now on file showing less than 9 per cent of protein are cancelled. By the same order manufacturers are forbidden to put into mixed feeds more than 8 per cent oat hulls or other clips, and they are required to show on the tag statements that the feed does not contain an excess of these materials.

The department will continue to enforce its long-established rule limiting the percentage of screenings in mixed feed to 8 per cent, prohibiting the use of rice hulls in any quantity and of not allowing registrations of standard brands of feed to be changed so as to lower the quality of the feed. The ruling with reference to oat hulls and other fibrous mill by-products is made in addition to these regulations of the department.

This action, Mr. Ferguson states, is made necessary by the fact that certain millers are attempting to ship into the State large quantities of feeds of standards much lower than was ever attempted to be sold in the State before. Other millers, to protect themselves against this practice, have asked permission to lower the quality of their feeds. It would be an imposition upon the consumers to thus let down the bars on the manufacture of feedstuffs and the State adopts the policy of prohibiting the selling by anyone of feeds known to contain excessive quantities of inferior material. Manufacturers are given until Feb. 15 to adjust their formulas to conform to these regulations and after that date feeds that contain an excess of fiber will be withheld from sale.

Arkansas is short of grain and hay this year and millions of dollars will be spent in the buying of feed. This fact and the fact that prices are high make it impor-

tant that the public should be protected in the quality of the feed put upon the market. By an act of the Legislature of 1911 the commissioner has the authority to "prescribe rules and regulations governing the grading of any and all concentrated commercial feeding stuffs" sold in Arkansas. Other states have taken prompt action in this matter and if Arkansas is not protected, Mr. Ferguson says there is danger that it will be made the dumping ground of the hulls, chaff and refuse from the mills of other states, material that has a better place in the fuel bins of these mills than in the feed sacks of the Arkansas farmer who has to pay a big price for every pound of feed he buys.

FEWER ANIMALS ON ARKANSAS FARMS—VALUES LOWER.

The report of livestock on farms shows decreases in every class of livestock in the State except sheep. Mules and milch cows held approximately even, but the greatest decrease was in numbers of beef cattle; these shrunk from 494,000 to 419,000, or 15 per cent. Decrease in labor supply and adverse weather conditions caused decreased acreage and hence rendered the maintenance of the amount of stock on farms impossible. Further, due to the poor crops this year, it has been necessary to realize, in many cases, upon assets, and stock has been reduced where possible during the past three months; not only for the payment of liabilities, but to reduce expenses.

Analysis of prices made in the offices of Commissioner Ferguson reveal the following facts: Per head value of all livestock is now \$19.74 as compared to \$22.39 last year; \$23 in 1922, \$29 in 1921, and \$37 in 1920. In other words, though prices of other agricultural products have exhibited an upward trend, the prices of livestock are still declining. Sheep show an increase of 3 per cent, but all other kinds of livestock show decreases. Horses show a drop of 21 per cent; mules, 17 per cent; milch cows, 12 per cent; beef cattle, 14 per cent, and swine, 12 per cent.

	Number	Value Per Head
	1924	1924
Horses	218,000	\$42.00
Mules	328,000	61.00
Milch Cows.....	506,000	21.00
Other Cattle.....	419,000	7.60
Sheep	81,000	3.20
Swine	952,000	6.10

RADIO PROGRAM BROADCASTED FROM FAYETTEVILLE.

Every Tuesday evening beginning at 9 o'clock a program of 10-minute educational talks and music will be broadcasted at 263 meters from the University of Arkansas radio station KFMQ. The University General Extension Department, under the direction of Dr. A. M. Harding, is preparing the radio programs for several months in advance. Members of the College of Engineering staff have been delegated to operate the station.

FARMS FOR SALE

CRAWFORD COUNTY FARM—In peach growing section, near highway, three miles north of Alma, 40 acres, 30 in cultivation, eight in pasture, two in timber, 275 Elberta peach trees, two years old; two-room house, two wells, team, wagon, harness, chickens and feed for a year; \$1,000, if taken at once. August Zebert, R. 5, Alma, Ark.

FARM OF 46 ACRES—Two miles from Decatur; four-room house, barn, wells, 30 acres in orchard; also 49 acres two miles from Decatur, 20 in orchard, four-room house, barn, cisterns. Will trade one or both of these farms for land in East Arkansas or Southern Missouri. D. Wilmoth, Decatur, Ark.

TWENTY-ACRE FARM—One mile from Decatur, all in bottom land; two-room house, well and spring, barn, two acres of strawberries. D. Wilmoth, Decatur, Ark.

THOUSAND-ACRE TRACT—Corn, cotton and alfalfa land, alluvial, silt soil, will grow anything; one mile from town and railroad in Arkansas County. On account of death in family this choice tract can be bought at a great sacrifice; near high school, on mail route. Box 295, Stuttgart, Ark.

DELTA FARM IN ST. FRANCIS COUNTY—430 acres, level and fenced with woven wire; 320 in cultivation, black, sandy loam soil, eight sets tenant houses and barns, one dwelling with large barn; farming tools and tractor; also hay; \$45 an acre; \$3,000 cash, balance terms; 5 per cent interest. I. H. Faulkner, Cherry Valley, Ark.

HOME ON PETIT JEAN—Near Y. M. C. A. camp, overlooking Arkansas River, plenty wood, fruit, buildings, near school and church, good roads; 80 acres; \$2,500. E. W. Bird, R. 6, Box 62, Morilton, Ark.

FARM FOR RENT—40 acres of improved farm or truck land; eight miles south of Little Rock; two houses; seven acres in orchard, one in berries; barn, well. F. Schneider, Box 194, R. 4, Little Rock, Ark.

HOME IN RESORT TOWN—Siloam Springs, six-room house, plastered walls, electric lights and city water, well, gravelled street; splendid fruit and garden land; \$3,500. Owen Campbell, Siloam Springs, Ark.

FOR SALE OR EXCHANGE—160 acres, cotton, corn, hay and stock farm, five miles from Pocahontas, Ark.; 125 acres in cultivation, 25 acres sowed in tame grass; timber, orchard; six-room farm house, garage, outbuildings, well watered; will exchange for good stock of merchandise or some desirable city property. Clifford Price, Pocahontas, Ark.

FARM IN NEWTON COUNTY—80 acres; five acres cleared and fenced, balance in timber, \$5 per acre; also have other improved lands for sale. E. A. Ramsey, R. 1, Box 62, Lamar, Ark.

NEWTON COUNTY FARM—80 acres, 30 in cultivation, 200 fruit trees, house, barn; near school and state road; \$600, terms. Am a widow, 78 years old and must sell land. Mrs. A. M. Ramsey, Swain, Ark.

ALL AROUND FARM—160 acres, 75 in cultivation, 15 in pasture, seven and one-half in bermuda, 40 acres in timber, eight in good meadow, 120 acres under good hog fence, 750 fruit trees, five-room house, well, outbuildings, near school and church; \$15 an acre, two-thirds cash, balance terms. George S. Dorrrough, Millard, Ark.

BRADLEY COUNTY FARM—40 acres, 26 in cultivation, balance cut over land, some small timber, all fenced, few fruit trees, five-room house, near high school; \$800 cash. S. T. Johnson, Ingalls, Ark.

TO EXCHANGE FOR GROCERY STORE—260 acres, 100 in cultivation, 100 in pasture, 60 in timber; two houses; two barns; two springs; orchard; near church and school; 16 miles from university. D. H. Greathouse, Rhea, Ark.

INDEPENDENCE COUNTY FARM—150 acres at Bailey, Ark.; 40 in cultivation, 60 more can be cultivated; four-room house, barn and tenant house; near school and church. Write J. M. Pennington, Union Hill, Ark.

CREEK BOTTOM FARM—179 acres, 100 in cultivation; \$4,000; terms. Tom Hilton, Black Fork, Ark.

BAXTER-IZARD COUNTY FARM—100 acres in cultivation; two four-room houses, barns, spring; part timber land; twelve miles north of Calico Rock and seven miles east of Norfolk; \$25 per acre. F. E. Hall, Rodney, Ark.

FARM NEAR LITTLE ROCK—322 acres rich sandy loam; 50 acres seeded to alfalfa; ideal stock, dairy and truck farm; timber and running water; mile from Sweet Home; owner selling because of illness. E. W. Prothro, 2410 Izard street, Little Rock, Ark.

BIG TRACT ON TERMS—507 acres, three miles from railroad; near school; good house and outbuildings; 200 acres valley land; timber; pasture; \$3,000; terms. J. C. Low, Barber, Ark.

STONE COUNTY FARM—123 acres, 14 in cultivation; fenced; good house and outbuildings; spring water; \$800. J. C. Adams, Optimus, Ark.

SMALL FARM—40 acres, 30 in cultivation, on public road near school and church. W. I. Pelton, Traskwood, Ark.

CLARK COUNTY FARM—10 acres in cultivation, balance in timber; four-room house, spring; upland, free from rocks; near school and church; near town; \$6 per acre. J. C. Cox, Amity, Ark.

COTTON, CORN AND STOCK FARM—In 40-acre, 80-acre or 160-acre cuts, near high school and town; good improvements; \$30 an acre. A. Bollinbach, R. 1, Lonoke, Ark.

WASHINGTON COUNTY FARM—Five miles east of Winslow, 160 acres; 50 in cultivation; 10 in pasture, cherries and apples; one in strawberries, two in grapes, meadow; five-room house with basement, barn and other outbuildings; near church and school; sell or trade. I. N. Parrish, Winslow, Ark.

RIDGE FARM FOR SALE—40 acres, 25 cleared, balance in timber; two-room house, barn, spring, orchard; \$1,750. R. C. Mitchell, R. 2, Marmaduke, Ark.

RANDOLPH COUNTY FARM—70 acres, 60 in cultivation; two-room house, barn and other outbuildings; six miles to town; near school; all land can be cultivated; not rough; \$35 an acre. J. F. Bieller, Noland, Ark.

FARM IN SEARCY COUNTY—80 acres, 25 in cultivation, rest in timber; two-room house, spring, some fruit, clover; soil sandy loam and black gravelly land; near church and school; \$600. Everett Mapwell, Witts Springs, Ark.

FARM NEAR BLUFFTON—Five acres; three-room house, well, barn and other outbuildings; peach orchard. J. W. Pearson, Bluffton, Ark.

CLAY COUNTY FARM—70 acres, 50 cleared, 60 under fence, 30 in creek bottom land; all tillable; four-room house, outbuildings, timber; near town; \$42.50 an acre. J. W. Kirk, Route 3, Piggott, Ark.

FARM TO TRADE—120 acres in southwest Montgomery County, near Glenwood; small house and barn on place; near sawmill; trade for smaller place near Glenwood. Glendale Powell, R. 4, Piggott, Ark.

QUARTER SECTION ON PUBLIC ROAD—Three miles from station, near school, dwelling, springs; \$2,200, with terms. G. W. Sullivan, R. 3, De Queen, Ark.

TWO GARLAND COUNTY FARMS—First 40 acres, near Bonnerdale, in Mazarn Valley, 30 in cultivation, some timber, three-room house, barn, \$1,000 cash; also 130 acres of creek farm land, 30 in cultivation, mostly bottom land, three-room house, barn and other buildings, spring, fruit trees, \$1,400, terms. D. O. Friend, R. 2, Bonnerdale, Ark.

SALINE COUNTY LAND—87 acres, 50 in cultivation, 35 in pasture and timber, four-room house, barn and other outbuildings, terms; \$1,400. T. J. Shelby, R. 1, Benton, Ark.

WELL IMPROVED FARM—80 acres, five in cultivation, eight fenced, near town, school and church; \$50 per acre. J. M. Ferrel, Gravette, Ark.

FRUIT AND POULTRY FARM—80 acres, 40 in cultivation, 40 can be cultivated, eight in orchard, one in strawberries, near church and school; three-room house and outbuildings, well; sale or trade. Leonard Cawthon, R. 4, Siloam Springs, Ark.

IMPROVED EIGHTY ACRES—35 acres in cultivation, 20 in cherries and Elberta peaches; six-room dwelling, two barns and other outbuildings; valley and bench land. Mrs. M. E. Rogers, Box 14, Schaberg, Ark.

FARM NEAR SHIRLEY—50 acres, 22 acres in cultivation; two sets of improvements, wells, plenty of wood; showing of oil on place; \$1,600. Jeff Johnston, R. 2, Shirley, Ark.

FARM NEAR CLEVELAND—80 acres, 30 in cultivation, meadow; consider trade for a Ford car; \$600. J. W. Crow, Cleveland, Ark.

IMPROVED BOTTOM LAND—140 acres, 75 in bottom land, rest rolling; 16 in timber, rest in cultivation; two young orchards, near school; good improvements. Joe M. Robertson, R. 2, Marmaduke, Ark.

VAN BUREN COUNTY FARM—200 acres, 40 in cultivation, more can be cultivated; near school and church; outbuildings. D. M. Taylor, Shirley, Ark.

SOUTHWEST ARKANSAS FARM—160 acres, 100 in cultivation; near school and church; six miles from De Queen; four sets of improvements: livestock, furniture and farm implements at a bargain. J. W. Turnage, R. 4, De Queen, Ark.

FARM IN THE OZARKS—80 acres, near school and church; five miles to St. Paul; variety of fruits, berries and vineyard; open range; for sale or trade. J. S. Guinn, Japton, Ark.

EIGHTY-ACRE FARM near oil region. S. E. Sloan, Black Springs, Ark.

IMPROVED POULTRY FARM—Nine acres, near Pea Ridge; house, barn, laying house to accommodate 200 hens, brooder house for 2,000 chicks; red clover; spring water and branch; vineyard; some fruit trees; \$2,400, cash or trade. G. O. Gilbert, Talihina, Okla.

FARM NEAR SCRANTON—40 acres in cultivation, 10 in meadow, 30 in pasture; five-room house, barn and other outbuildings; adapted to stock raising and fruit growing; wire fenced; \$2,000. C. P. Smith, Scranton, Ark.

CORN AND COTTON LAND—40 acres, 30 in cultivation; three-room house, barn and other outbuildings; vineyard, peach orchard; near school and church. W. Rabican, Hazen, Ark.

ATTRACTIVE FARM—80 acres, 45 in cultivation; five-room bungalow, barn, red-top and timothy meadows, two springs, orchard; \$400 loan on farm; my price, \$400 above the loan. Ill health prompts sale of farm. P. N. Lancaster, Woodrow, Ark.

JOHNSON COUNTY FARM—70 acres, 20 in cultivation; three-room box house, barn and other outbuildings; five miles from Clarksville; pasture; \$1,600. W. H. Ashlock, R. 4, Box 72, Clarksville, Ark.

BENTON COUNTY FRUIT FARM—Young orchard in Gentry; 40 acres, well cared for; 600 bearing apple trees, house and barns; for sale or lease. Mrs. John H. Brickman, 1895 W. 47th St., Cleveland, Ohio.

COTTON, CORN AND ALFALFA FARM—1,324 acres in Mississippi County, 1,209 in cultivation; two residences, 54 cabins, three barns, three-stand Munger gin with cleaner, hydraulic self-tamper press and 75 h. p. Fairbanks-Morse oil engine; store, shop; 40 mules; corn. Old age prompts sale. A. M. King, Pecan Point, Ark.

RICE FARM FOR SALE—312 acres, 250 for rice, corn; pumping plant; tile residence with concrete floors; tenant house and large barn; terms. A. M. King, Pecan Point, Ark.

FRUIT FARM FOR SALE—80 acres; 101-2 acres young strawberries, 30 of timothy and clover, 20 of timber, balance cleared and ready to farm; two sets of improvements; five and one-half miles from Gravette; will trade for Northern land or stock in Western Kansas. C. J. Nowlin, R. 3, Gravette, Ark.

IMPROVED FARM OF 160 ACRES—Will trade for acreage in Ozarks on improved road, or tract of merchantable virgin timber land, near shipping point. H. W. Ginter, Monticello, Ark.

IZARD COUNTY FARM—50 acres, all under fence; 35 cleared, 45 can be cultivated; four-room house, barn and other outbuildings; spring; near school, church and postoffice; will exchange for small place near Fayetteville; \$800. P. B. Lantz, Newburg, Ark.

FARM NEAR OZONE—80 acres, 14 in cultivation; some orchard land; two-room house, cellar, barn, three springs, near school; \$800, terms or cash. B. H. Warren, Ozone, Ark.

ALFALFA FARM—75 acres in alfalfa, 40 in timothy and clover, small cotton acreage, ample corn land, well drained, all under wire fence, pasture, plenty water; six-room dwelling; seven tenant houses; near school; farm implements and stock; \$10,000, cash or terms. Edward Young, Grady, Ark.

VIRGIN HARDWOOD TIMBER—640 acres, fine longbodied hardwood timber, with or without land, in Newton County, cheap. R. S. Summers, Ozone, Ark.

VAN BUREN COUNTY FARM—120 acres, 22 in cultivation, rail fence, timbered; rich soil; young orchard; two-room house, barn and other outbuildings; for sale or rent; \$400 if taken by March. D. A. Almond, Rex, Ark.

FARM IN NEVADA COUNTY—Two miles west of Prescott, schoolhouse on farm, black loam soil, 80 acres in cultivation, 80 in prairie, 40 in timber; six-room house with barn, two other houses with barns, J. A. Kennon, Danville, Ark.

CROSS COUNTY FARM—160 acres, well drained land, near railroad; 80 acres under woven wire fence, 60 in cultivation,

some bottom land; six-room house, two barns, outbuildings; young orchard; range; near school and church; \$4,000, with easy terms. B. F. Primm, Tilton, Ark.

TWO FARMS FOR SALE—140 acres near Cave City and high school; 80 acres in cultivation, balance in timber and pasture; spring, seven-room frame house, barn and other outbuildings; some fruit; well; two rent houses; 15 miles from Batesville; \$20 an acre; also 80 acres with a two-room house, barn and outbuildings, 40 acres cleared, balance in timber and pasture, near Cave City; \$1,000. Old age prompts sale of farms. R. I. Sanders, Cave City, Ark.

LOGAN COUNTY FARM—106 acres, two miles from school and town; 40 acres in cultivation; fruit trees; terms. J. H. Newman, Prairie View, Ark.

FARM IN SOUTH ARKANSAS—80 acres; 40 in timber; land adapted to cotton, corn and hay; near school; \$25 an acre. W. L. Rodgers, R. 2, Box 20, Hamburg, Ark.

TWO FARMS IN DALLAS COUNTY—40 acres; 15 in cultivation, one mile from McIntosh, near Fordyce; near school and church; timber been cut over; \$15 per acre, branch bottom land; also 150 acres, near Princeton; 75 in cultivation; house, pasture, orchard, barn, plenty of timber; \$30 per acre. Joe Jones, Box 36, Princeton, Ark.

WASHINGTON COUNTY FARM—40 acres in fruit belt, \$250; also 120 acres good for fruit or poultry raising; house, barn and other outbuildings; garden; \$5 an acre; terms. F. J. Whilite, Odell, Ark.

ASHLEY COUNTY FARM—77 acres; three miles from Hamburg; five-room house, barn and other outbuildings; 50 acres cleared and under fence, balance in pasture and timber; near school and church. T. G. Duckworth, Hamburg, Ark.

ALL AROUND FARM—160 acres, 100 acres fenced, 65 acres cleared; three-room house, barn; plenty of fruit; \$1,600. E. O. Rosebrough, Oxford, Ark.

Homeseekers Who Want to Buy Arkansas Farms

Mrs. A. J. Thomas, 1401 N. Logan street, Lincoln, Ill., would like to trade for a farm in northern Arkansas. She is especially interested in dairying and poultry raising and asks about the country in Stone county and around Mountain View.

Geo. E. White, Holly, Mich., is contemplating moving to Arkansas and establishing a business in some small city. He wants to buy an acreage.

I. S. Bartness, R. 1, Ramona, Okla., desires a home in Arkansas.

A. N. Thomas, 273 Topping street, St. Paul, Minn., is planning to make his future home in Arkansas and would like to have information as to the best place to locate. He is especially interested in the country around Rogers.

R. B. Gardiner, R. 1, Harrisburg, S. D., contemplates moving to Arkansas, soon.

Dr. Julian Van Deberge, 2511 Baldwin Ave., Detroit, Mich., writes, "I desire to locate in some 'out-of-the-way' place, where the temperature is warm, but not oppressively hot in summer; which means not a flat but somewhat higher altitude; it need not be a center of civilization, but where one can line and enjoy nature to its fullest extent. I am retiring from all business activities."

Salem E. Smith, Box 31, Elk Falls, Kan., writes that a few months' time will find him a resident of Arkansas if he can get located in that time.

Glenn Perkins, Box 471, Windsor, Mo., wishes to get in the strawberry business near Pine Bluff, and would appreciate any information he could receive on the subject.

Dr. E. W. Gossett, 315 Ward Ave., Hot Springs, Ark., wants to locate in the northeastern part of the state where he can get up a good country practice and farm at the same time.

C. L. Enwall, Juanita, Neb., would appreciate information as to the agricultural resources of the state. He is planning to come to Arkansas.

J. H. Williams, Burkburnett, Texas, writes for information concerning crops and industries of Arkansas.

Dr. E. O. Lindenmuth, 623 N. Pa. St.,

NEWTON COUNTY FARM—28 acres near highway; 25 acres in cultivation, 10 acres in pasture and orchard; springs; one mile from school; three-room house. Bill Hill, Iceland, Ark.

FORTY-ACRE HILL FARM—40 acres; 10 acres in cultivation, 30 acres in timber; three-quarters of mile from school; three-room house; \$450. Henry Hill, Iceland, Ark.

WILL SELL OR TRADE—216 acres black limestone farm; six-room house; spring. A. F. Layton, Harrison, Ark.

HUNDRED ACRES near Everton, 20 acres in cultivation, 40 acres in pasture, all fenced; three-room house and outbuildings; \$1,000, or will exchange for livestock. H. B. Houston, R. 3, Everton, Ark.

FARM FOR \$1,200—165 acres, 47 acres in cultivation, part timber; three-room house, good barn; wells; near school and church; one and one-half miles from Leslie; \$1,200. D. W. James, Booster, Ark.

TIMBER TO TRADE FOR MULES—70 acres, hickory, red oak, black oak, cherry, black locust and white oak; \$300, or will trade for mules, wagon and harness as part payment. E. V. Osborn, Salus, Ark.

PIKE COUNTY FARM—40 acres, 30 in cultivation, balance timber; four-room house in good repair; near school; 15 miles from Glenwood; \$400. Mrs. G. M. Harrison, Daisy, Ark.

FARM NEAR OZARK—83 acres; two sets good improvements; 45 acres in cultivation, five in pasture, six in orchard; near school and church; 13 miles north of Ozark. Emory V. Plymale, Barnes, Ark.

FOUR HUNDRED DOLLAR BARGAIN—80 acres, 25 acres fenced, 20 in cultivation; good orchard; good house; \$400 cash; terms. Clifford Darby, Harriett, Ark.

Indianapolis, Ind., has been sent descriptive literature of our wonder state.

Maps and data concerning our state have been requested by Mr. S. Jeviden, Rodney, Iowa.

Homer V. Brown, R. 1, Alcester, S. D., writes about land in Arkansas and would appreciate any information he might receive.

Wallace McNeely, New Lisbon, Wis., desires information as to buying farm lands in Arkansas.

E. E. Smith, Detroit, Mich., 2048 Sycamore St., plans to make his future home in Arkansas if he can get located on a suitable berry growing and poultry raising farm; he is interested in land around Batesville and Fort Smith.

Jas. Buckont, Jamestown, N. D., is interested in western Arkansas and wants information about the country.

Thos. C. Manhart, Box 405, Stanberry, Mo., has sold out with the intention of coming to Arkansas to live. He desires all information available.

Dr. C. J. Mitchell, 1904 E. Washington St., Phoenix, Ari., has been sent literature about our state.

J. M. Pemberton, R. 1, Carrier Wills, Ill., is planning to locate somewhere in Arkansas soon.

It's too cold in Missouri for R. H. Newman, R. 4, Perry, Mo., and he is coming to Arkansas where the climate is warmer.

Sanford J. Wilson, R. 1, Box 14, Artesia, Cal., requests literature about Arkansas.

Wm. Hoare, Caroline, Alberta, Canada, writes that he is searching for a milder climate and has decided on Arkansas. He operates a large farm and has been successful. He desires to locate in northern Arkansas on a farm near a good school.

C. P. Osborne, 1012 Prairie St., Decatur, Ill., writes that he would like to buy a 100-acre tract north of the Arkansas river.

P. E. Teller, Box 271, Milltown, Wis., contemplates moving to Arkansas and desires information as to the kind of soil we have. He does not care for rough mountains or low land.

Vivian Baublet, 727 Fifth Ave., Milwaukee, Wis., asks about homestead lands.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Poultry for Sale.

Thirty S. C. English White Leghorns. \$2 each. Big hens laying now, if sold at once will give three fine cocks free. Satisfaction guaranteed. M. C. Reid, Casa, Ark.

Will have a few settings from vigorous White Wyandottes to spare during March and April, 15 postpaid, \$1.25; special prices on hundred lots. Otto Clark, Shirley, Ark.

S. C. W. Leghorn baby chicks; 25 chicks, \$5 postpaid, 100 per cent live, guaranteed. Evergreen Poultry and Stock Farm, Box 245, Mountain Home, Ark.

Eggs from purebred White Orpingtons, \$1.50 for 15. Miss Pauline Craven, Macon, Mo.

Barred Rocks, Black Monarchs and Black Spanish cockerals, \$2 to \$5 each. J. P. Chenier, Branch, Ark.

Purebred Barred Rock stock, settings and chicks, winners in nine states and heavy layers; stock and eggs guaranteed. Roe Mobley, Prairie Grove, Ark.

Thirty S. C. Brown Leghorn eggs, \$1.50 prepaid. W. H. Bush, R. 2, Decatur, Ark.

S. C. Rhode Island Red cockerels for \$3 each, setting eggs, \$1.50 for 15, from the Mayhood and Owen Farm, laying strain. W. F. Daniel, Lonsdale, Ark.

Everlay Strain, S. C. Brown Leghorn baby chicks and hatching eggs; chicks, \$10 per 100; eggs, \$5 per 100; \$2.50, \$2, \$1.25 per 16, safe arrival guaranteed. Write for mating list. Mrs. Frank Cox, Blue Eye, Mo.

All leading varieties, pure White Leghorns and Brown Leghorns, baby chicks, \$12.50 per 100; Barred Rocks and some other breeds along this line, \$15.50 for 100 chicks; Silver Spangled Hamburg chicks, \$20 per 100; Fawn-White Indian Runners and White Pekin eggs from either breed, \$2.25 per 11; stocks \$2.50, duckling 50c; chicks and eggs are prepaid by insured mail. Miller & Miller, Freedom, Okla.

Canary birds for sale. Mrs. Mildred Miller, Freedom, Okla.

Twenty purebred Dark Brown S. C. Leghorn pullets, now laying, and one two-year-old cock, for \$20 or will trade for lamb and sheep. M. M. McCall, Bradford, Ark.

Purebred English White Leghorn eggs, \$1.50 for 15; \$7 for 100; satisfaction guaranteed. T. O. Lindsey, Scotland, Ark.

Eggs from heavy laying White Wyandottes, mated to Regal-Dorcas cockerels, \$8 for 100, \$4.50 for 50. \$3 for 30, \$1.75 for 15. Mrs. H. C. Wylie, Pea Ridge, Ark.

Single comb, Dark Brown Leghorns, Russel strain, won five prizes at fair; 13,059 eggs from 100 hens in one year; income from same flock, \$295.46; 15 eggs for \$1, 50 eggs for \$2.50, 100 eggs for \$5, by parcel post prepaid; three extra large big bone Mammoth Bronze turkey toms, \$5 to \$8; one Bourbon Red turkey tom for \$5. Clarence Young, R. 1, Waldron, Ark.

Thompson strain Ringlet Barred Rocks, eggs 15 for \$1.75, 30 for \$3, 50 for \$4, 100 for \$7, carefully packed and delivered. Joe M. Rogers, Paragould, Ark.

Purebred White Leghorn eggs for hatching, \$1.50 for 15; Rhode Island Red eggs, \$1.25 for 15. J. L. Fry, R. 1, Box 78, Springdale, Ark.

Thompson's strain Barred Rock eggs, \$1.25 for 15, postpaid. J. S. Othinger, Pea Ridge, Ark.

S. C. English White Leghorn eggs for hatching, \$1.50 per setting, \$9 per 100. Mrs. Hattie Butter, Blue Eye, Mo.

S. C. Dark Brown Leghorn cockerels with slightly frozen combs and gills, \$1 each or five for \$4 to the same address, f. o. b. Certificate goes with them; also eggs for hatching, \$1.25 for 15, eggs postpaid. T. C. Harris, R. 2, Greenwood, Ark.

Dark red purebred R. I. R. eggs, \$2 for 15. Mrs. S. A. Hale, Caledonia, Ark.

Thirty-two Black Minorca hens and three Black Minorca roosters to trade for young White Leghorn hens. Elsie Coleman, Hiwassee, Ark.

Eggs for setting, Anconas. Frank A. King, Sedalia, Ark.

One turkey tom, purebred White Holland spring hatch, \$5. J. H. Roberts, Delaware, Ark.

Seven purebred White Pekin ducks and two drakes, \$2 each or 3 for \$5, also Pekin duck eggs, \$2.25 for 15. J. W. Milner, Blevins, Ark.

Standard bred S. C. Red cockerels, \$3; hatching eggs, \$1.50, eggs from fine selected pens; \$3, \$4 and \$5 for 15; baby chicks, 20c to 50c each. Mrs. R. C. Parks, Lewisville, Ark.

Thoroughbred S. C. Buff Orpington hatching eggs, 5c each, baby chicks for 12 1-2c each, 15c if delivered. Mrs. Ernest Conrad, R. 4, Green Forest, Ark.

English White Leghorns, 272-314-egg line, imported breeding eggs, \$7 per 100, prepaid, guaranteed. Mrs. Winnie Lacy, Gerster, Mo.

Purebred White Rocks, one cock and five pullets for \$10. Mrs. M. Donaldson, R. 6, Paragould, Ark.

Turkey eggs, \$4 per dozen. J. W. S. Norton, Drasco, Ark.

Purebred Single Comb R. I. R. eggs for hatching, prize winning and heavy laying strain, \$1.50 for 15, \$10 per 100. Mrs. B. F. Briley, Van Buren, Ark.

White Orpington hens and cocks, \$2 each, f. o. b. Avoca; eggs \$1.50 per 15, postpaid. A. R. Hall, Pea Ridge, Ark.

A few choice Buff Plymouth Rock cockerels, 10 months old, direct from famous Baker strain, \$2.50. Oscar A. Beck, Urbanette, Ark.

Barron English White Leghorn baby chicks from pen of pedigreed blood, 15c each, highly tested. J. G. Cecil, Olvey, Ark.

Barred Rocks, heavy laying strain, 15c each. J. G. Cecil, Olvey, Ark.

Baby chicks, eggs and breeding stock, S. C. White Leghorns, White Wyandottes and S. C. R. I. Reds; catalog free. Volentine's Hatchery, Jonesboro, Ark.

Pigeons for sale. Wm. Rudasill, Roe, Ark.

White Leghorns, Tom Barron, 260-egg laying strain; cockerels, \$3 each. Letha Hall, R. 1, Pangburn, Ark.

Barred Rock eggs from prize winners, 15 eggs for \$1. R. Lambert, R. 2, Box 39, Amity, Ark.

Light Bahama hens, \$7.50 each, guaranteed. Mrs. John Amour, Cassville, Ark.

Barred Plymouth Rock setting eggs from Cotham-Holterman-Patriot strains. All birds purebred, wonderful layers and good sturdy stock; \$1.75 for 15 eggs from mating of 15 hens headed by a Patriot cockerel with 228-240-egg pedigree; \$1.30 for 15 eggs from range flocks; one "Aristocrat" dark cock for \$10, weight 9 1-2 lbs; shipped on approval express collect. Has lost sight of one eye. No eggs delivered until after April; no deposits required. Chas. J. Finger, Jr., Fayetteville, Ark.

S. C. W. Leghorn eggs, English strain, imported breeding, \$6.50 per 100, postpaid. Mrs. Ross W. Morton, Gerster, Mo.

Purebred White Pekin ducks and drakes, \$2 each; Pekin eggs, 12 for \$2.15; Buff Orpington duck eggs, \$2.75 for 15. Orders booked until eggs wanted. Myrtle Milner, R. 1, Box 52, Blevins, Ark.

Partridge Rock cockerels, also Buff duck eggs. Sunny Slope Farm, Stillwater, Okla.

Barred Rocks, Thompson strain and Single Comb White Leghorns, purebred and high egg producers, 16 eggs for \$1.25, 30 for \$2. Tom R. McBride, Lebanon, Mo.

Eggs from purebred and high egg producers, \$1.25 for 16, \$2.25 for 35. Paul F. McBride, Lebanon, Mo.

White Indian Runner ducks and Buff Orpington ducks and drakes at \$2 each or \$5 for trio, also duck eggs in season at \$2 per setting of 15, also eggs from bred-to-lay Barred Rocks, Buff Orpingtons, R. I. Reds and Single Comb White Leghorns, all high egg producers, \$1.25 for 16. P. R. McBride, Lebanon, Mo.

Hatching eggs for season 1924; English White Leghorns, high producers, 15 for \$1.75, \$9 per 100, postpaid. H. C. Crook, Pangburn, Ark.

Five Standard Bred Buff Orpingtons, three roosters and two pullets. Miss Grace Collum, Box 302, Alma, Ark.

Barron English S. C. W. Leghorns bred from pedigreed trap-nested high layers, eggs at \$6.50 for 100; chicks, \$15 for 100, prepaid. Mrs. J. B. Kimes, Monroe City, Mo.

Purebred S. C. Brown Leghorn eggs, for setting of 15, \$1. Mrs. W. R. Housewright, R. 4, Hope, Ark.

Barred Rock eggs for hatching, \$1.50 for 15, \$6.50 for 100. Mrs. Roy Whitney, Garfield, Ark.

Thirty-five extra choice white Leghorn cocks, \$1.25 each. Elmer Lyles, Prairie Grove, Ark.

Mammoth Bronze turkey eggs for hatching, 50c for each egg, postpaid, one young tom, \$5. Mrs. Ruth Palmerton, R. 1, Box 92, Harrison, Ark.

One-year-old toms and hen turkeys, per pair, \$8; toms, single, for \$5. Write B. L. Randolph, Newburg, Ark.

LIVESTOCK FOR SALE.

Poland China boar, four years old, weighs 800 pounds; from Big Ben and Defender Giant; price reasonable. John F. Bieller, Noland, Ark.

Well broken saddle mare, height 15 hands and one inch; four years old; weight 1,000 pounds; \$150. P. M. Winkler, DeWitt, Ark.

Registered Durocs, fall pigs, \$17 a pair or \$9 each. Frank A. Cox, Blue Eye, Mo. One registered Big Bone Poland China Boar, 20 months old; good condition for service; Arkansas Champion No. 150565. Sire Arkansas Wonder No. 107509; f. o. b. Biggers, \$40. Ben Choate, Maynard, Ark.

One large Jack, black with white points, 10 years old, good breeder; also young registered Jersey cows, \$50 each; also registered bull, born April 30, 1922, same price; registered heifers priced according to size; three-year-old mule, 14 hands high, \$50. A. R. Hall, Pea Ridge, Ark.

Twenty-five Angora goats, one buck in herd, all two years old; will sell or trade. J. C. Huntley, Judsonia, Ark.

One of the best bred Holstein bulls in South, four years old, weight 2,100 pounds, good disposition, fine breeder; qualified to head any herd of Holsteins; would exchange for young bull or De Kol, Pontiac or Korndyke breeding; terms. Irvin Lyman, Des Arc, Ark.

LIVESTOCK WANTED.

Angora goats, would also like to buy a few good bucks. M. Bird Parks, Chelsea, Okla.

Airedale dog, eight or ten months old. Mason Morrow, Ralph, Ark.

Female rabbit, New Zealand or Belgian. D. J. Ryan, Stuttgart, Ark.

Pinto stallion, weight 800 to 1,000 lbs., not over eight years old. I. C. Cooper, Vandervoort, Ark.

Two Angora does of good breeding. Mrs. C. L. Kendall, Kensett, Ark.

Columbia Wyandotte hatching eggs and one or two O. I. C. pigs. Porter Elrod, R. 1, Box 130, Jonesboro, Ark.

SEEDS AND PLANTS FOR SALE.

Two hundred and fifty bushels of registered Fulghum oats, germination test above 92. R. H. Stokenbury, Elkins, Ark.

Ozark Oroma strawberry plants, 80c per 100, \$4 per 1,000; frost-proof cabbage plants, 40c per 100 or \$2.50 per 1,000, postpaid. J. S. Othinger, Pea Ridge, Ark.

Sparkled radish, dark red beet, Hanson lettuce, Oxheart carrot, White Spine cucumber, Long Season spinach, finest aster, double dianthus, butterfly flower, Flanders poppy, Emperor larkspur, 11 packages for 50c; other varieties for 5c. Willard Seed Farm, Thornburg, Ark.

Everbearing strawberry plants, 100 for \$1. R. Lambert, R. 2, Box 39, Amity, Ark.

Fancy re-cleaned orchard grass seed, 20c per pound, freight paid on orders for 100 pounds or more; home grown. A. K. Dodgen, Oak Grove, Ark.

Louisiana red and pink wilt-resistant tomato seed, packet 15c, one-half ounce 30c, one ounce 50c, one-fourth lb. \$1.75; one lb. \$6. Louisiana Cauliflower Association, Baton Rouge, La.

Giant mixed zinnia seed to exchange for cuttings from monthly blooming roses. Mrs. A. J. Meeler, Cleveland, Ark.

Runner peanuts for exchange for any farm produce of equal value. Nichols Farms, R. 1, Rockmart, Ga.

For prices on pine, cedar and other shade trees, write M. L. Taylor, Wideman, Ark.

Klondyke and Aroma, state inspected strawberry plants; reasonable; prompt shipment. M. O. Volentine, Jonesboro, Ark.

Half & Half cotton seed, almost pure; \$2 per bushel, f. o. b. Jonesboro. Z. A. McMillin, Box 156, Jonesboro, Ark.

Orange cane seed, \$2 per bushel; honey drip for syrup, 10c per lb.; Whipporwill peas, \$2.50 per bushel. A. L. Keith, Calena, Ark.

Progressive, everbearing strawberry plants, 80c per 100, prepaid; \$3.50 per 1,000, collect; Cumberland raspberry plants, \$8 per 1,000; early Harvest and McDonald blackberry plants, \$8 per 1,000, express collect. Roy Whitney, Garfield, Ark.

Cumberland raspberry plants, Aroma strawberry plants, Concord grape cuttings, prices on request; Industry goosberry plants, \$2 per dozen, prepaid; one-year-old King David and Stayman Winesap apple trees, \$2 per dozen, prepaid. Geo. W. VanZandt, Garfield, Ark.

Seed corn, carefully selected, nubbed, shelled and graded, certified by Arkansas Seed Grower's Association as to quality and purity; Neal's Paymaster, Mosby Prolific, Cocke's Prolific varieties. Earl Kilpatrick, Marianna, Ark.

Cotton seed, some good Webber 49 and Delfos 6102, \$2.50 per bushel. Earl Kilpatrick, Marianna, Ark.

Hasting Prolific seed corn, selected and improved strain; won sweepstakes at Arkansas Cotton and Corn Show; certified by Arkansas Seed Growers' Association. Tom W. Newton, R. 5, Little Rock, Ark.

Half and Half cotton seed at \$1.25 per bushel. E. B. Adams, Gilbert, Ark.

Lespedeza seed, 1923 crop, pan caught, triple cleaned, best quality, free of undesirable seed, rigidly inspected, guaranteed. Get our latest prices. Lespedeza Seed Growers' Association, Calhoun City, Miss.

DOGS FOR SALE.

Four pure-bred, not registered, female Collies, sable with white markings at \$3 each. W. S. Thomas, Jonesboro, Ark., R. 1, Box 140.

Female bird dog, one and one-half years old, full stock pointer, blue and black spots; she will not retrieve. Will trade for full blooded Poland China gilt or sow, or full blooded Jersey heifer. W. S. Wagner, Box 96, Gravelly, Ark.

Hound for sale or trade. L. L. Bryan, Willow Springs, Mo.

One sable female, one half Collie, half German Police, one white pedigreed male Collie, for sale. For information, write Mrs. Ed Pfaff, R. 5, Bentonville, Ark.

Rare white Collie pups, eligible to registration, extra fine breeding. J. B. Michener, Zack, Ark.

One thoroughbred female Airedale pup. I. E. Jackson, Casa, Ark.

Hound, 18 months old, white with red ears, \$10. J. M. Roberts, Delaware, Ark.

MISCELLANEOUS FOR SALE.

Genuine White Burley tobacco, in the hand delivered. Red leaf for smoking or chewing, 30c per lb. or 4 lbs. for \$1; Natural leaf, chewing, 35c per lb. or 3 1-2 lbs. for \$1; Real White Leaf smoking tobacco, 35c for one lb. or 3 1-2 lbs. for \$1. A. K. Dodgen, Oak Grove, Ark.

Good grade chewing tobacco, 30c lb; also timothy hay. Fred Kleine, Goshen, Ark.

WANTS—MISCELLANEOUS.

Full strain of Big Willis seed corn. T. J. Tomerlin, Sedalia, Ark.

Angoras. Write Bird Parks, Chelsea, Okla.

Second-hand Litz mill; describe condition and quote price. C. L. Kendall, Kensett, Ark.

Peach Blow seed potatoes. Write Jay Colloway, Holly Grove, Ark.

Half and Half cotton seed. Write N. W. Redwine, Leslie, Ark.

A small place to lease near Paragould, between five and 40 acres in size. Write Wayne Atkins, Browning, Mo.

Mrs. W. A. Childress, Box 124, Belleville, Ark., desires to rent a small farm, 10 to 20 acres, for 1924, near Fayetteville or Springdale, or in Crawford County. Write her for particulars.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 10, NO. 4

LITTLE ROCK, ARKANSAS

APRIL, 1924.

Flock of One Hundred Hens On Every Farm in Arkansas Will Put Agriculture On a Paying Basis

WHEN folks in the city are willing to pay a dollar and a half for a baking hen and 25c and 30c a dozen for eggs the farmer ought not to have any trouble getting a little spending money now and then, especially in Arkansas, where it is so easy to raise chickens. We don't attach much importance to the chicken crop but it brings in many millions of dollars to our State and more than a billion dollars to the nation every year. It is a mighty important crop to the family for it not only supplies ready cash all through the year, but it provides one of the most reliable and wholesome sources of food—fresh eggs and fried chickens.

That is why the farmer at this time of the year should begin the ground work of building up a profitable farm flock. The place to begin is in the selection of the hatching eggs. Then the old chickens should be culled, leaving only the best breeding stock. One hundred chickens are not too many for the average farm—that is, one hundred adult fowl. One can raise as many fryers as he can hatch for they are soon out of the way. A hundred good chickens, the most of them hens, will bring in a lot of ready cash during the summer months when cash is so badly needed.

If the best price is to be obtained for eggs the farmer must not only produce eggs of quality—large, clean and uniform in size and color—but he must use business tactics in selling them. Not much money is to be made from swapping eggs for tin pans to traveling peddlers. It is seldom that eggs sell lower than 25c in the city markets and guaranteed fresh country eggs are always in demand. The price the farmers should get is a price somewhere more nearly around what the consumer pays.

It is the same way with chickens. If two or three local dealers take a profit and the fowl are shipped away and marketed through a commission house and retailers there is very little left for the farmer. Still the consumer pays a big price. The key to the situation is the parcel post. Build up a trade of your own and sell directly to the city buyer—for cash. It takes a little planning and letter writing but it can be done. Look what the mail order idea has done for the big city merchants.

The Government has issued a recent bulletin telling how to ship live and dressed

Hot Springs County Club Members Will Work For Prize This Year



Executive Council, Boys' and Girls' Clubs, Hot Spring County.

At Malvern on February 16, there was held a council of the boys' and girls clubs of Hot Spring County, of which Bruce Foreman of Friendship, is president, and Miss Mae McDugal of Reyburn, is secretary.

The council will award a prize to the local club doing the best work in 1924. Each club in the county will undertake to

send two members to the short course at the Magnolia Agricultural School this summer.

Byron Butler, the county farm agent, and Miss Mae Blakley, the home demonstration agent, outlined a plan for the annual rally of the county clubs at Malvern this summer.

The Gifford Club won the honor prize for last year.

poultry. The dressed fowl is coming very much into favor, but it must be dressed right and it must be of good quality. A fat hen, neatly dressed and wrapped in clean waxed paper, looks mighty nice when it is taken from the mail. We ought to have the city folks eager for produce of this kind.

Frying size chickens are at a big premium early in the season and the grower is losing the highest part of his profit when he fails to ship these birds just at the right time and to the right market.

Properly managed, a flock of chickens ought to be depended upon to bring into the farmer's pocket from \$300 to \$500 a

year, and sometimes a sum like that will turn a failure into a very happy success. As a side line the chickens should not be neglected. They reduce the grocery bill, give the children a wholesome occupation and it is a lot of company to hear their cackling around the house.

Here are some good suggestions for handling the chickens or marketing their products in a way to get the best prices:

Keep all males separate from the flock except during the breeding season.

Don't feed the hens food which will give a strong flavor or color to the eggs, such as fish, onions, or too many turnips.

Supply more lime material for the formation of strong egg shells.

Have the poultry houses well ventilated so that the eggs will not be infected from filthy air, nor chilled or heated readily.

Keep the laying house floor, nests, dropping boards and surrounding ground clean at all times.

By supplying plenty of nests, using nest eggs, if necessary; one nest to five hens.

Be careful not to collect any eggs from straw stacks or any kind of stolen nests.

Gather all eggs regularly; twice each day throughout the year.

Do not allow the layers to run on manure piles or out in the mud during stormy weather.

Be sure to have a dropping board in every hen house.

Keep the nests filled with clean straw or hay at all times.

Do not allow the hens to roost in the nests at night.

Gather all of your eggs in a clean galvanized water pail.

Do not allow the eggs to be exposed to either the sun or rain.

Keep the eggs in a cool, moist place. The temperature should be from 50 to 60 degrees.

Do not keep your eggs near vegetables, meats, fruits or any decaying material.

Sell all eggs at least twice a week.

Always handle the eggs carefully to prevent cracking the shells or causing air bubbles to form within the eggs.

Keep all extra large and small eggs for home use.

Ship all your eggs to market in only clean crates.

Keep all setting hens off of the nests as they are liable to heat the eggs.

Allow all eggs to cool before being packed and shipped to market.

Grade all eggs according to color. Do not ship your brown and white eggs together in the same crate.

The Way to Build Up Your Breeds

Is to get the best stock available, starting with purebred eggs or baby chicks. Consult the Exchange Page of this issue of *The Bulletin* and get in touch with the breeder who has your favorite kind of birds. Good stock will soon return their cost.

Cull Out the Mongrels Early in the Spring.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the

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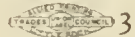
JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



A LEAN CROP YEAR AND ITS LESSON FOR THE FARMER.

Nineteen hundred and twenty-three will go down in agricultural history as one of the lean years for the Arkansas farmer. The weather was unfavorable for most of the crops, the insect ravages were unusually heavy and there was an acute shortage of labor in the cotton growing sections where human energy is so essential in the production of the one principal crop.

The cotton crop was cut almost in half by the boll weevil and leaf caterpillar after a 1,200,000-bale crop had been practically made. This tremendous loss was partly retrieved by a subsequent advance in the price of cotton, but the maximum price did not materialize until after most of the crop had passed from the hands of the grower, so that the benefit accrued to the buyer and speculator rather than to the farmer.

The year's business was wound up with a loss of something like \$32,000,000 in crop values for 1923 as compared with those of the year previous. This loss represents largely the failure of the cotton crop, although there was a considerable reduction in the production of rice, the state's second largest cash crop. The corn yield was much smaller than in 1922 but there was improvement in the hay crop, and prices were better for both of these crops.

If any lesson is to be drawn from the experience of the last crop year, it is one that emphasizes the need of greater diversification of crops, the raising of more live stock and the curtailment of the cotton acreage. Under present conditions the Arkansas farmer cannot afford to plant more cotton than he can thoroughly cultivate, protect from insects and pick out before the lint is damaged by the weather.

STOCK RESERVES SOLD DOWN TOO LOW IN ARKANSAS.

Arkansas this year is sold down pretty low on its stocks of hogs and cattle and these reserves ought to be brought up—brought up not only in numbers, but in quality, for we can replace the scrub we sold last year with a pure-bred this year. We have to make live stock an important part of our farming system before we can ever hope to get agriculture on a profitable basis in Arkansas. We sold off our stock last fall because we didn't have the feed to carry it through the winter. Let's restock the pasture with better animals than we ever had before. We can put the hog population back to where it was in a single year and in a year or two more we can get the census of dairy and beef cattle back to normal. While we are doing this let us not forget to raise plenty of feed so that we will not have again to reduce our breeding stock. The growth of our farm animal population should keep step with the growth of our human population and that has never in the history of our state had a setback. Something is wrong when the crop reports show a loss in the

number of live stock. The trouble is not hard to locate. It is all due to our not raising enough feed in 1923. There must not only be more live stock but there must be more feed for we can't have one without the other.—Exchange.

TESTED COTTON SEED RUNS BELOW 80 PER CENT.

The percentage of germination in the greatest portion of the cotton seed being tested by the State seed testing laboratory is between 60 and 90 per cent.

Practically no information regarding the source or manner of handling the seed is supplied with the samples received at the laboratory. All are given the same careful test by the seed analyst. The results are reliable and show in an entirely impartial manner the true condition of planting seed in Arkansas. In classifying samples of cotton seed tested on the percentage of germination, figures show the results to be as follows:

Per Cent of Samples	Percentage of Germination
10.7	90-100
32.6	80-90
28.2	70-80
13.4	60-70
8.7	50-60
5.5	25-50
.5	0-25

All samples of cotton seed known to have come from outside Arkansas are omitted from the above table. These figures were compiled from tests made up to March 10. Up to that time the laboratory had made 800 tests for various kinds of field seeds and the laboratory had been in operation but a little more than two months. All tests are made free of charge.

FARMERS ASKED TO ENLIST IN LIVE-AT-HOME PROGRAM.

Mr. Jim G. Ferguson,
Commissioner of Agriculture.

As a part of the fight for agricultural prosperity in 1924 it has been decided to secure enlistments among the farmers of the state for a "Live-at-Home" program. The plan for this work is briefly as follows:

Farmers and their wives are to be enlisted in this "Live-at-Home" program by signing the enlistment blank and agreeing to do at least eight of the twelve things set out on this form, to-wit:

Raise enough Corn and Hay to carry us through 1925.

Raise enough Meat to supply our family this year.

Have a 12-months-in-the-year Garden and have a Canning Budget.

Provide Milk and Butter for our family the whole year through.

Keep an average of at least 30 Hens on our farm the year through.

Make home conditions better by taking proper care of our orchard and small fruits, or by starting a home orchard.

Work for richer lands by planting velvet

beans, soybeans, or cowpeas in at least half the corn; and clover, lespedeza, vetch or some small grain for winter cover and grazing crops where practical to do so.

Terrace or drain our land where needed.

Enroll one or more of our children in Club work—pig club, corn club, poultry club, home demonstration clubs, etc.

Add some home convenience such as running water, electric lights, washing machine, oil stove, pressure cooker or other things that will lessen the burden of house-keeping.

Beautify our homestead by painting the house or making base-plantings of shrubs about the house to furnish a proper setting and to plant flowering trees, such as Crepe Myrtle, Mimosa, Magnolia, Dogwood, Judas Tree, or planting a lawn, etc.

Keep a clothing budget and study textiles and clothing problems in order to buy wisely and within the income.

At the end of the year a check-up will be made and a certificate of honor, signed by Governor Thomas C. McRae and Dean Dan T. Gray will be sent to each farmer who has carried out his agreement to do eight of the twelve things on the enlistment blank.

T. ROY REID,
Assistant Director State
Extension Division.

BEEKEEPERS WILL EXHIBIT AT STATE FAIR.

There will be a fall meeting of the Arkansas State Beekeepers' Association at Little Rock during the State Fair, the second week in October, it is announced by J. V. Ormond of Elba, president of the organization.

Mr. Ormond will act as superintendent of the apiary exhibit at the fair and the extension division of the University of Arkansas will co-operate with beekeepers in making an attractive display. "However," says Mr. Ormond, "it is up to the beekeepers after all to put the goods on the

ground attractively to display them to good advantage. The premiums will be liberal considering the showing made by the Arkansas Beekeepers at the past State Fairs, and if we may hope to receive a continuance of the recognition we will have to put up a worth-while exhibit. Let's show the officials of the fair association that we appreciate what they are doing for us by having all the space allotted to us filled with the products of our apiaries, sufficient at least to be worthy of being called an exhibit. Now is the time to get the colonies in condition to gather the most attractive honey of the year."

SURVEY OF FARMING SITUATION DISCOURAGES EXPANSION.

A statement of the Agricultural outlook for 1924 based upon information received from 43,000 farmers, representing every county in the United States, has been issued by the Bureau of Agricultural Economics, Washington, D. C.

Farmers, it is said, are undertaking a normal production program notwithstanding the fact that they are still confronted by difficulties arising from high wages and other costs, loss of farm workers and the general disparity between prices of farm and city products. The situation from no angle is favorable for any expansion in production.

Northern growers are expecting to reduce the wheat acreage and raise 3.2 per cent more corn. The hog market and the market for dairy products seem to be over supplied and the department warns that there is necessity for conservative expansion in these lines.

There will be an increase in peanuts, sweet potatoes, oats and hay in the South, where indications are that the cotton acreage will be reduced. The outlook report makes no mention of cotton, as there is a bill pending in Congress forbidding the publication of such information with reference to this crop.

Homeseekers Who Want to Buy Arkansas Farms

E. A. Barnett, Port Arthur, Texas, inquires about land near some stream or river where he could operate a hydro-electric plant.

G. W. Overlease, Wagner, Wis., is an ex-service man hunting a good farm in Arkansas. He wants to know about the soil, schools, churches and all general information.

Chas. F. Johannsen, Standard, Alberta, Canada, inquires about reasonable farm lands and pleasure resorts in Arkansas.

Descriptive literature of the state has been sent to Robt. S. Knox, 4519 Lake Park Ave., Chicago, Ill.

W. A. Roach, Canteloupe Route, Jacksboro, Texas, has been sent numerous books and maps concerning Arkansas industries.

C. A. McKinney, Bement, Ill., would like to hear from land owners wishing to sell.

O. F. Clement, Oakland, Ill., inquires about land in Arkansas.

C. W. Christiansen, 816 Sheridan St., Des Moines, Iowa, has been sent literature about Arkansas.

C. H. Goode, Falco, Texas, wants to locate on a stock farm where he can have plenty of range and near a good hunting and fishing place. He is planning to join us in August.

W. H. Bickwell, Box 569, Midland, Pa., has been sent literature about the state.

Wallace McNeely, New Lisbon, Wis., is interested in the manufacture of pearl buttons; he would like to buy timbered land and inquires as to the market for stave bolts and railroad ties.

S. H. Wright, Colo. Ia., writes that he is interested in Baxter county.

J. W. Carroll, 717 W. 20th St., Des Moines, Ia., is interested in state and school lands in Arkansas.

R. L. Murdock, Beauregard, Miss., writes that he and three others are contemplating coming to Arkansas to make their future home.

W. A. Holcomb, 3147 Terrace, Kansas City, Mo., inquires about land around Pine Bluff.

J. Stuart Moffitt, Mondavia, Ia., inquires as to the advantages our state offers for the business man and home-maker. He is especially interested in Leslie, Ark.

S. A. Smith, Sr., 27 Julia St., Henderson, Ky., has been sent literature about Arkansas.

M. E. Corwin, Grand Junction, Ia., is especially interested in cut-over or partially timbered land. He inquires about the tracts located in the Ozarks.

J. T. Skinner, Box, 480, Bowling Green, Ky., inquires about the possibilities of fruit growing in our state.

W. G. Densman, Rogerson, Idaho, states that he is coming to Arkansas this fall. He wants to raise corn and stock.

J. C. Morris, McCoy, Va., would like to get in touch with people having cheap land to

sell or who can locate him on homestead land. J. S. Lovelace, McDonald, Kan., writes that he is bringing several others down with him to look over Arkansas lands. He wants to locate in a corn belt.

Rudolph Retter, 209 Bank of Commerce Bldg., Memphis, Tenn., inquires about homestead lands in Arkansas.

M. R. Waller, Lyndon, Ill., inquires about land around the Ozarks for farming purposes and also about the crops around Booneville, Magazine, Mena and Sulphur Springs.

R. H. Dickinson, 3116 W. Main St., Shelbyville, Ill., inquires about Ozark land.

Chalmer Smucker, Grace City, N. D., has been sent literature about Arkansas.

W. J. Portorff, Horton, Kan., wants literature describing each section of the state.

H. C. Eldridge, 4719 State St., Chicago, Ill., has been sent literature descriptive of Arkansas.

Frank C. Stuart, 609 N. Lake St., Madison, Wis., inquires about the opportunities to be had in Arkansas.

Nora Taymon, Sallisaw, Okla., has been sent our literature.

Frank Andrews, 4552 Calumet Ave., Chicago, Ill., wishes to buy a small farm in Arkansas.

T. H. McCoy, Camp Wood, Tex., is interested in homestead and government land in Arkansas.

Robt. Adams, B. 340, Eagle River, Wis., will be down some time in March to look over farming and grazing land.

I. L. Wright, 573 N. McLean, Memphis, Tenn., inquires about government land in Crittenden and Cross counties.

Chester A. Bowling, B. 47, Buckner, Mo., inquires about Arkansas lands.

John Moerchin, 333 S. Mark, Fond Du Lac, Wis., has been sent literature about Arkansas.

J. J. Farmer, Benham, Ky., has written for literature about our state.

J. A. Seal, Dickinson, Texas, is very much interested in homestead lands in Arkansas.

R. A. Snyder, Dade City, Fla., is especially interested in the apple industry and would like to get in touch with someone who has some cheap land for sale in northwest Arkansas.

J. F. Biggs, 720 West Third street, Des Moines, Ia., is interested in homestead land in Arkansas.

Arthur Anderson, B. 255, Charles City, Ia., would like to get in touch with land dealers in our state.

B. L. Randolph, Newburg, Ark., is looking for a place to lease or rent.

Roy A. McGlathlin, Mosquero, New Mexico, is interested in land in northern Arkansas.

E. S. Jones, Princeville, Ill., wishes to homestead in Arkansas.

FARMS FOR SALE

People Who Answer Bulletin Ads Want Replies to Their Letters

Editor Bulletin:

In the little Agricultural Bulletin you sent I found many advertisements of farms for sale, rent, etc. I wrote to six different persons about the places they had advertised and have received no answer whatsoever, although I enclosed a stamp. I am thus led to believe that these people either do not exist or they do not care to correspond with Northern people. It naturally makes me feel that I can find a more congenial location somewhere else. However, I thank you for your efforts and for your literature.

C. L. ENWALL, Juinata, Nebraska.

It is regrettable that this homeseeker has had the unpleasant experience of which he complains. Where a stamp is enclosed a reply should certainly be made to all letters received by those who advertise in The Bulletin and where there is no stamp it would take only a postal card to acknowledge the correspondence and give the information desired. We are sure that there has been no intention to slight the Northern immigrant. There is no prejudice in this state of the kind mentioned. We hope that those who make use of these columns will remember that those who wrote to them like to have their letters answered and that somebody will be disappointed if this little matter is neglected.

BAXTER-IZARD COUNTY FARM—100 acres in cultivation; two four-room houses, barns, spring; part timber land; twelve miles north of Calico Rock and seven miles east of Norfolk; \$25 per acre. F. E. Hall, Rodney, Ark.

FARM NEAR LITTLE ROCK—322 acres rich sandy loam; 50 acres seeded to alfalfa; ideal stock, dairy and truck farm; timber and running water; mile from Sweet Home; owner selling because of illness. E. W. Prothro, 2410 Izard street, Little Rock, Ark.

BIG TRACT ON TERMS—507 acres, three miles from railroad; near school; good house and outbuildings; 200 acres valley land; timber; pasture; \$3,000; terms. J. C. Low, Barber, Ark.

STONE COUNTY FARM—123 acres, 14 in cultivation; fenced; good house and outbuildings; spring water; \$800. J. C. Adams, Optimus, Ark.

SMALL FARM—40 acres, 30 in cultivation, on public road near school and church. W. I. Pelton, Traskwood, Ark.

FAULKNER COUNTY FARM—180 acres, 90 acres in cultivation; good houses and barns, orchards, good water; \$3,500. J. F. Cunningham, Springfield, Ark.

CUT-OVER TIMBER LAND—Two tracts, 160 acres each, located in Stone and Cleburne counties; suitable for general farming and fruit; stock range; near school; \$3 and \$3.50 per acre. M. H. Humphrey, Five Mile, Ark.

NORTH ARKANSAS FARM—80 acres. Wm. Prather, R. 2, Decatur, Ark.

FORTY-ACRE VALLEY FARM—Four-room house, outbuildings; eight acres in cultivation, balance in oak and pine timber; near good school and church. L. H. Baker, R. 3, Cabot, Ark.

CONWAY COUNTY FARM—160 acres, 75 in cultivation, 85 in timber, pasture, spring; four-room house, outbuildings; orchard, all under fence. Wm. Raehaner, R. 1, Bigelow, Ark.

TIMBER LAND—80 acres in Conway county; good house and outbuildings; near school; pine, oak and hickory; \$450. S. L. Waters, Adona, Ark.

FARM NEAR ROGERS—80 acres, one-half in cultivation, balance in timber; three-room house, water; near school and church; \$3,000. R. A. Hutcheson, Rogers, Ark.

FOR SALE OR TRADE—160 acres in Newton county, 10 acres cleared and fenced; house, barns, spring; near school and church. Adolph Ossander, Swain, Ark.

FOR SALE OR EXCHANGE—42-acre tract, 30 acres in cultivation; four-room house, barn, wells; near school and church; \$25 per acre. Guy Mills, Traskwood, Ark.

SEBASTIAN COUNTY FARM—40 acres, 25 in cultivation, 15 in pasture; three-room house, wells, orchard; near school and church; all fenced. Dick Sanders, R. 1, Bonanza, Ark.

IMPROVED FARM—120 acres; three-room house, cellar, outbuildings, wells, orchard; will trade for land in Marion, Baxter or Carroll counties. E. Henderson, Pettigrew, Ark.

TRADE FOR TOWN PROPERTY—40 acres near Edgemont; house, spring, orchard; \$250. R. A. Mullinix, Edgemont, Ark.

FOR SALE OR TRADE—110 acres, 35 in cultivation; three-room house, well, spring, orchard; near school. Winchell Matthews, Yardelle, Ark.

TRACT IN BENTON COUNTY—40 acres, ideal grape and berry land; near school and church. C. M. Wood, R. 2, Lowell, Ark.

FARM NEAR GILLHAM—480 acres, 50 in cultivation; pine and oak timber; lead and zinc mines; \$2,400. F. L. Robinson, Gillham, Ark.

FARM IN OZARKS—100 acres, 50 acres under fence, good barn and outbuildings, water; near school and church; \$200. Elmer Newton, Lamar, Ark.

WANTED TO TRADE—Good stock farm for small improved farm with orchard. J. H. Speer, Fallville, Ark.

MINERAL LAND—Located five miles from railroad; particulars on request. Joe Bailey, Keener, Ark.

FARM IN THE OZARKS—240 acres, 90 in cultivation, balance in timber, more can be cleared and cultivated; fine for fruit, berries or stock; springs; clear title; buildings in bad condition; must sell at a bargain as belongs to heirs and must be sold; \$12.50 per acre for quick sale. Geo. W. Vansandt, R. 2, Garfield, Ark.

RANDOLPH COUNTY FARM—70 acres, 60 in cultivation; two-room house, cistern, outbuildings; six miles to town; all can be cultivated; not rough; \$35 an acre. John F. Bieller, Noland, Ark.

WILL SELL OR TRADE—One lot in new town; bank, churches, school; \$100. J. W. Kirk, R. 3, Piggott, Ark.

STORE AND SMALL TRACT—Two acres; school and church; desirable location for grist mill and blacksmith shop; \$350. K. E. Pennington, Union Hill, Ark.

RAILROAD HOTEL AT CRICKET—Twelve-room hotel, will exchange for small improved farm within 200 miles, or will accept car of corn, apples or hay. H. J. Lough, Omaha, Ark.

HOME NEAR McRAE—Six-room bungalow, barn and other outbuildings; water; six acres of land, adapted to strawberries. J. W. Osborn, McRae, Ark.

TWO TRACTS TO TRADE—18 acres one-half cleared, in strawberries and blackberries; four-room house and outbuildings; spring water; 120 acres in meadow and low land; 40 acres in cultivation; 15 acres in timber, balance in pasture; all fenced; three-room house; spring water; large barn; \$1,200 and \$6,000 respectively. W. W. Woodrow, Gentry, Ark.

BOONE COUNTY FARM—Eight miles from Harrison, ideal place for poultry and truck raising; all fenced; spring water. A. B. Roberts, R. 1, Bellefonte, Ark.

120-ACRE TRACT—50 acres in cultivation on state highway, near railroad, school; good water; \$3,300, terms; or \$1,000 and good Ford car. H. C. Crook, Pangburn, Ark.

IDEAL TRUCK FARM—25 acres on railroad; orchard; near school and church. Roger Burford, Heber Springs, Ark.

APPLE AND ALFALFA FARM—177 acres, adapted to grapes, cherries, berries; good range for hogs and cows. Mrs. J. P. Lea, Fayetteville, Ark.

FRUIT FARM—150 acres, 30 acres in cultivation; small creek bottom, suitable for cotton, corn and alfalfa; three miles from Williford; \$800. F. M. Broyles, Hardy, Ark.

FULTON COUNTY FARM—160 acres; 80 acres in cultivation; near railroad; \$5 per acre. B. D. Britton, Vilonia, Ark.

FARM NEAR EDMONT—150 acres; good range for stock; \$1,000. J. L. Gordon, Center Ridge, Ark.

TOWN PROPERTY—Nine-room house, good barn, in good condition; \$650. J. L. Gordon, Center Ridge, Ark.

FOR SALE OR EXCHANGE—50-acre farm with stock and implements; \$2,500; will exchange for up-to-date grocery store of \$2,000 stock and fixtures in good town. W. M. Price, Box 52, Pea Ridge, Ark.

CRAWFORD COUNTY FARM—78 acres, 50 in cultivation, under fence; five-room house, barns and other outbuildings, fruit orchard, garden; five miles to railroad, near school and church; \$2,000; terms. L. F. True, Star Route, Armada, Ark.

UPLAND FARM—20 acres, 17 in cultivation, three in timber; three miles north of Alma; land leased for oil and gas; four-room house, barn, springs, fruit trees, clear title; also pair of mules and two cows with farm implements for \$1,500; terms. Lee Steinsiek, Alma, Ark.

FARM AT \$10 AN ACRE—98 acres, 30 in cultivation, four in meadow, smooth land, free from rocks; barn and smokehouse, well; \$10 per acre; terms. E. W. Lynch, Scotland, Ark.

LARGE FARM NEAR OIL FIELD—202 acres, 75 in cultivation, pasture, timber, two four-room houses, barn; \$20 an acre. Write J. N. White, Rosston, Ark.

SCOTT COUNTY FARM—30 acres, 24 in cultivation, four in meadow, five in orchard, six in timber; house, cellar and outbuildings; free range; near school and church; \$1,000, or trade for improved land. Cora Goldsberry, Beauchamp, Ark.

SOUTHWEST ARKANSAS BARGAIN—80 acres, 20 under fence and in cultivation, 60 in timber; one-room house, barn and hen house; tools; \$7 an acre. W. P. Long, Star Route, Box 12, Gillham, Ark.

CLEBURNE COUNTY FARM—90 acres, 50 in cultivation, 15 in pasture, barn and outbuildings, four room house; near school and church; for sale or exchange. R. W. Johnson, Banner, Ark.

RICE LAND FOR SALE—160 acres in rice, 10 acres in timber, buildings, fenced; \$10,000. Also 400 acres, 320 in rice land, 80 in dry farming land; two houses, barns and other outbuildings, fenced, farming implements, horses and cattle; near Crockett's Bluff; \$100 per acre; old age prompts sale. H. Bothe, Crockett's Bluff, Ark.

FARM NEAR GRAPE—40 acres, 25 in cultivation, rest in timber, young orchard, grape vines and strawberries, four-room house and other outbuildings; house insured for \$1,000; near church and school; eight miles from Benton; \$1,400 cash. Will Logsdon, Grape, Ark.

FARM NEAR GILLHAM—80 acres, one five-room residence, two-chair barber shop and building; \$1,600 if taken at once. E. B. Welborn, Gillham, Ark.

SMALL TRUCK FARM—Improved land, four miles from Hot Springs; \$800, or exchange for 40-acre farm in Garland or Hot Spring counties. Anos. Wallace, Bonnerdale Route, Hot Springs, Ark.

GARLAND COUNTY LAND—For sale or exchange, 115 acres, 65 acres good for farming, stock range, springs; two houses; \$1,000. Dr. E. W. Gossett, 315 Ward Ave., Hot Springs, Ark.

BAXTER COUNTY FARM—120 acres, 60 in cultivation, six miles from Mountain Home; well and spring; two-story house, \$3,500; also other household goods for sale. Wesley White, Route 2, Mountain Home, Ark.

FOR SALE OR TRADE—75-acre tract, well improved, near church and school; four miles from Dardanelle; will trade for town property. D. V. Tucker, Dardanelle, Ark.

SALINE COUNTY FARM—154 acres, 30 in rich creek bottom land, 14 in pasture, 60 in timber, eight in orchard; land is alluvial or clay loam and doesn't wash; 10-room house, two-story building, two barns and other buildings; near school and church; \$30 per acre; terms. A. B. Shockley, Cotulla, Texas.

CONWAY COUNTY FARM—80 acres, nearly all in cultivation; 10 acres in bermuda pasture, orchard, two houses and outbuildings; near school and church; \$1,600. T. B. Morrow, Springfield, Ark.

FARM AT WINCHESTER—Drew County; 100 acres open and in cultivation, good dwelling and other improvements, adjoins the town. J. S. Pickens, Winchester, Ark., or Henry Thame, Arkansas City, Ark.

OZARK COUNTY LAND—129 acres, 45 in cultivation, more can be cultivated; three-room house, outbuildings, wire fence; near church and school; \$1,200. J. H. Cooper, Jumbo, Ark.

TWO MARION COUNTY FARMS—142 acres, 100 in cultivation, remainder in timber, six-room house, barn and other outbuildings; five miles from Everton; \$2,400; also 80 acres unimproved land, part sand and clay soil, 40 acres tillable, stock range, three miles from Everton; \$7 an acre. G. M. Pannell, Eros, Ark.

FARM NEAR HOT SPRINGS—78 acres, 60 acres fenced, 40 under cultivation; three-room house, outbuildings; \$800; terms. O. M. McClamoch, Lonsdale, Ark.

LAWRENCE COUNTY FARM—144 acres upland, fenced; part cleared; house, barn, well, cistern, near postoffice, church and school. Write E. M. Moore, Denton, Ark.

SIXTY-ACRE FARM—25 acres in bottom land, eight in timber, 10 in pasture, three-room house, sandy loam with clay; one mile to town; eight acres in wheat, four in orchard. John Higginbotham, Route 1, Bellefonte, Ark.

MOUNTAIN FARM—160 acres, \$4.80 an acre; terms. Mrs. Carrie Oshorn, Hanover, Ark.

FRUIT AND DAIRY FARM—280 acres, 100 in cultivation, balance in timber and pasture; machinery can be run over 90 per cent of land; three miles from Brentwood; six-room painted house, barn and other outbuildings, well and springs; cash, trade or terms. Write J. S. Martin, Box 47, Brentwood, Ark.

MADISON COUNTY FARM—280 acres, 110 in cultivation, 15 in pasture, 170 in timber, 200 fruit trees, sandy clay loam, near school, two houses, granary and other buildings, fenced; \$12 an acre; possession within the month. Write E. B. Garrison, Truth, Ark.

YELL COUNTY FARM—77 acres, 63 in cultivation, 79 in pasture, spring, barns, orchard; near school; \$6,000; terms; tools and stock for sale, too. F. F. Hall, Havana, Ark.

BENTON COUNTY FARM—40 acres, 35 in cultivation, five in timber, 14 in orchard; new four-room bungalow, barn and other outbuildings, fenced; near school; \$3,500; terms. B. E. Grammer, Bentonville, Ark.

FARM NEAR SILOAM SPRINGS—50 acres, nearly all in cultivation, 15 acres of meadow, seven miles from Siloam Springs; three-room house, barns and other buildings; well; \$3,000; terms. Melvin Harrington, Route 2, Box 81, Gentry, Ark.

NORTHWEST ARKANSAS FARM—200 acres, 100 in timber, 70 in bottom land and in cultivation, two of grapes, four of strawberries, orchard, four-room house, outbuildings, fenced; old age prompts sale. Might consider exchanging for smaller place; \$40 per acre. N. S. Gripe, Gentry, Ark.

FARMS IN WASHINGTON COUNTY—40 acres, creek bottom and upland land, six acres of blackberries, six of strawberries, five of grapes, house and barn; \$3,000; also 80-acre farm, 60 in cultivation, 30 in meadow, eight in strawberries, four-room house, stone potato house, outbuildings, fruit; \$4,000; also 75 acres, 55 in cultivation, six room house, fruit, three miles south of Prairie Grove, three farms join each other, near school and church; \$3,600. J. H. Craft, Route 2, Box 10, Prairie Grove, Ark.

LAWRENCE COUNTY FARM—400 acres, river bottom land, growth of fine young timber, want to sell in 40-acre tracts for cultivation; \$10 per acre. J. G. Wells, Black Rock, Ark.

DESIRABLE FARM—40 acres, fives acres in timber, rest in cultivation, orchard, no buildings; near Y. M. C. A. camp on Petit

Jean Mountain; terms. C. P. Lester, Route 6, Box 28, Morrilton, Ark.

ATTRACTIVE FARM—164 acres, 120 in cultivation, 30 in strawberries, five in orchard, 30 in pasture, springs, fenced, five-room house, barn and outbuildings, sandy loam soil. Am 71 years old and cannot farm. F. W. Brazil, Cerro Gordo, Ark.

BIG TRACT NEAR LITTLE ROCK—1,580 acres of railroad and turnpike, twelve miles west of Little Rock; \$20,000 worth of timber; twelve houses; a section of good bottom land; can be bought at a bargain. L. S. Dunaway, Conway, Ark.

NORTHWEST ARKANSAS FARM—80 acres, 50 in cultivation, balance pasture and timber, fruit trees, berries and grapes, near church and school; three miles from West Fork; four-room house, cellar, barn and outbuildings, wells, cows and chickens; tools; \$3,500. J. R. White, Route 1, West Fork, Ark.

FARM NEAR LONSDALE—80 acres, six acres cleared, fruit trees, one mile from Lonsdale; near church and school; bargain. Write Hamp Funk, Lonsdale, Ark.

FOR SALE OR EXCHANGE—160-acre farm located in the Ozarks; house and outbuildings, near church, apples and grapes a specialty on the farm. Will exchange for a smaller farm. Write C. W. Moore, Dry Fork, Ark.

UNIMPROVED LAND—70 acres, bottom land, no rocks, sandy loam; \$1,000. E. L. Presley, Route 4, Okolona, Ark.

IMPROVED LAND—110 acres, three miles from Elkins, five-room house, barn and other outbuildings, fenced, fruit; \$4,000; also 160 acres of improved land, three-room house, barns and other buildings, spring, two miles from Lock; \$2,750. E. B. Murray, Roue 1, Elkins, Ark.

BENTON COUNTY BOTTOM FARM—85 acres, 60 in cultivation, balance in timber and pasture, creek, spring and well water; four-room house, barns and other outbuildings; five miles from town; near school and church; \$5,000; terms. Will consider trade. A. C. Witter, Gravette, Ark.

FOR SALE OR TRADE—100 acres, five miles north of Lincoln, near church and school; \$2,400; terms. W. E. McDonald, Route 1, Box 59, Lincoln, Ark.

ATTRACTIVE FARM—36 acres, 25 in strawberries, eleven-room house, two three-room houses, everlasting water. B. P. Witt, Bradford, Ark.

BRANCH BOTTOM LAND—160 acres, 80 under cultivation, 250 bearing apple trees; three-room box house, log house, barn and outbuildings, two wells and a spring, near school, five miles to Green Forest; \$40 per acre; terms. A. M. Day, Route 2, Box 80, Green Forest, Ark.

MOUNTAIN LAND—Few improvements, six miles from Shirley; spring, orchard, garden; reasonable. Wm. Payne, Shirley, Ark.

SIXTY ACRES OF LAND—40 in cultivation, 20 in pasture and timber, six-room house, barn and buildings; near school and Church; \$800. Take Ford car as part payment. Mr. J. A. Carr, Hector, Ark.

WASHINGTON COUNTY FARM—83 acres, 40 in cultivation, rest timber, four-room and three-room houses, store building, small stock of groceries; outbuildings; near school and church; \$1,000. O. L. Harris, Wyola, Ark.

STOCK AND FRUIT FARM—30 acres, improved; near school; five acres timber, balance in cultivation, berries and grapes, fruit, near postoffice and five miles from railroad town. Old age prompts sale. \$2,100, terms. Geo. Diehl, Route 1, Springtown, Ark.

CONWAY COUNTY FARM—150 acres, three miles from Edgemont, 20 acres in cultivation, orchard, plenty fruit of all kinds, grapes and berries, four-room house, barn and outbuildings, 10 acres of uncleared land in bottoms of Little Red River, near church and school; \$900. J. L. Gordon, Center Ridge, Ark.

UPLAND FARM—20 acres near town, sell or trade for Ford truck, White County; terms. J. M. Harrison, Letona, Ark.

NORTHWEST ARKANSAS FARM—137 acres, 80 in cultivation, 20 in grass, wheat, fruit, grapes, berries, fenced, five-room house, two-room house, barns and outbuildings; near school and church. C. C. Vansandt, Route 2, Box 23, Garfield, Ark.

UNIMPROVED LAND—15 acres, sixteen miles east of Hot Springs, near school; \$200, terms; also 40 acres on Rock Island railroad, one mile from Traskwood, near school, three-room house, well improved; \$1,000; cash or terms. Geo. Steut, Thiel, Ark.

IMPROVED 66 ACRES—Five-room house, five miles from Jacksonville, barn, fruit trees; \$2,000. C. C. Cox, Jacksonville, Ark.

PETIT JEAN VALLEY FARM—55 acres, 45 in cultivation, cotton land. Louis Dusek, Dardanelle, Ark.

WHITE COUNTY FARM—14 acres, city limits of Beebe, four blocks to school; truck, berries and poultry; small house; terms. Lotus Cooksey, Jonesboro, Ark.

POLK COUNTY FARM—38 acres, new cottage, barn and outbuildings, 25 acres in cultivation; near church. Old age and poor health prompts sale; terms; \$1,200. Mrs. Ida D. McHenry, Route 3, Sulphur Springs, Ark.

DAIRY FARM—80 acres, 35 in cultivation, 30 in apple trees, 25 in woodland pasture, fenced; near school; four-room house; \$30 an acre. Geo. Davis, Route 2, Berryville, Ark.

TWO NORTH ARKANSAS FARMS—102 acres, 50 in cultivation; berries and grapes, six-room house; log house; outbuildings, wagons and implements, poultry, near school and church; also 45 acres, 40 in cultivation, three-room house, barn and orchard. S. Yoakum, Route 2, Berryville, Ark.

UNIMPROVED LAND—45 acres, timber, \$600, terms cash. A. E. Wickersham, Advance, Ark.

MADISON COUNTY FARM—263 acres, 100 acres fenced, 75 cleared, pasture, two sets houses; near school; trade; ill health prompts sale; \$1,500. Federal loan of \$600. Write F. A. Jackson, Aurora, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas,
the U. S. Department of Agriculture, and the State Department of Agriculture.

Poultry for Sale.

Narragansett Turkey eggs, 50c each; 10 for \$4.50; 20 for \$8.50; also hatching eggs. S. C. R. I. Reds, trapnested 300-egg strain, prepaid, 15 for \$1.50. Mrs. Byron Bindley, Harrison, Ark.

Barred Rock cocks and cockerels, eggs and chicks, prize winners and heavy layers. Roc Mobley, Prairie Grove, Ark.

S. C. R. I. Red eggs, Hahood strain, standard breed, range flock, \$4 per 100, postpaid. Mrs. Russell Stokes, Excelsior, Mo.

Regal strain Wyandotte eggs, \$7 per 100; \$1.40 per setting; trade for onion and cabbage plants. Walter Hillman, Princeton, Mo.

Buff Orpington eggs, 50c per setting. Mrs. Lillie Vansandt, R. 2, B. 23, Garfield, Ark.

Purebred R. I. Red eggs at \$1.50 per 15. Mrs. S. A. Hale Caledonia, Ark.

Black Leghorn eggs, \$1 per setting. H. M. Skinner, R. 2, B. 28, Blue Mountain, Ark.

S. C. Dark Brown Leghorn eggs for hatching \$1.25 per 15, postpaid, satisfaction guaranteed. T. C. Harris, Greenwood, Ark.

Exhibition egg-bred Single Comb R. I. Red eggs for hatching from six pens, headed by male birds with high egg breeding, mating list free. Lotus Cooksey, Jonesboro, Ark.

Single Comb Dark Brown Leghorns, prize winners, Russell strain, 2,219 eggs from 100 hens in March, 1923; 50 eggs for \$2.50, 100 for \$5, parcel post. Clarence Young, R. 1, B. 46, Waldron, Ark.

Purebred S. C. Buff Orpington pullets, \$1.25 for 20 or more; \$1.50 each for less than 20. M. L. Harwood, R. 1, Siloam Springs, Ark.

Purebred Mammoth Bronze turkey eggs from unrelated matings, \$4.50 for 10 eggs; purebred S. C. Buff Orpington eggs from unrelated matings, \$1.50 for 15 eggs. Jerseyland Farm, M. L. Harwood, Mgr., R. 1, Siloam Springs, Ark.

S. C. R. I. Red eggs, \$6 per 100. Sadie Yeakum, Berryville, Ark.

Eggs from extra large, heavy-laying English Leghorns, headed by Tanager strain males, \$1.50 per 15. M. H. Westbrook, Lexa, Ark.

Purebred Partridge Plymouth Rock eggs at \$3.50 per 30; \$4.50 per 50, and \$8 per 100, prepaid. Fred Sieglinger, Stillwater, Okla.

Thompson Ringlets Direct, eggs 15 for \$2; 30 for \$3.50; baby chicks, 25 for \$5; write for prices on hens and cockerels. Mrs. C. B. Harrison, Judsonia, Ark.

White Leghorn eggs for hatching, \$1 per setting of 15. Mrs. Lillie Raines, Arkadelphia, Ark.

Eggs from bred-to-lay White Indian Runner ducks, \$2 per 15 or \$6 for 60 eggs. P. R. McBride, Lebanon, Mo.

Purebred White Wyandotte hatching eggs from selected flock of Fishel's ever-laying strain; \$1 per setting of 15 eggs, postpaid. Mrs. Worley Johnson, R. 1, DesArc, Ark.

Fancy hatching eggs from choice selected purebred Buff Orpington ducks, \$1 for 12 eggs, postpaid. Worley Johnson, R. 1, DesArc, Ark.

Eggs for hatching from Parks bred-to-lay Barred Rocks, \$3 per 15 eggs; \$3.50 for 30; eggs from stock on range, \$1.50 per 15; \$8 per 100; cockerels at \$5 each. May Waggoner, Judsonia, Ark.

Purebred S. C. R. I. Red eggs, \$1.25 per setting of 16 or \$5 per 100, postpaid. Mrs. Haxle Butts, Belleville, Ark.

Purebred Barred Rock pullets, \$1.50 each; \$15 per dozen; hatching eggs, \$1.25 per 15; \$2.25 for 30, postpaid. Robt. R. Taylor, Smithville, Ark.

Barred Rock, layers, eggs from special Hogan tested matings, 15 for \$1.25; 30 for \$2.25; 100 for \$6. Satisfaction guaranteed. Cloverdale Farm, Smithville, Ark.

Single Comb Brown Leghorn eggs, \$1 for 15; \$5 for 100. D. E. Neuhardt, R. 1, Charleston, Ark.

Large Single Comb Dark Brown Leghorns, good winter layers, 15 eggs for \$1. Mrs. Roy Barrett, R. 3, Green Forest, Ark.

White Leghorn eggs, \$1 for 15; \$5 for 100, good matings; 500 baby chicks last of April at 12c each. Mrs. W. L. McCord, R. 2, B. 100, Rogers, Ark.

Thompson Ringlet Barred Rock eggs, \$1.50 per 15 or 30 for \$2.75, postpaid. Mrs. E. E. West, R. 1, Corley, Ark.

Mammoth Pekin Duck eggs, \$1.50 for 12 or 25 for \$2.75. Mrs. E. E. West, R. 1, Corley, Ark.

Leading Anconas 8 consecutive months in 22-23 National egg-laying contest, 100 eggs for \$7.50; \$4 per 50 or 17½c each, parcel post. Mrs. Avery Allen, Macon, Mo.

Regal Dorcas and Keeler strains, White Wyandotte chicks, \$15 per 100, \$8 per 50. Mrs. Avery Allen, Macon, Mo.

Purebred Anconas, finest layers and hustlers, start laying at 5 months, selected eggs, satisfaction guaranteed, \$1 per 16 or \$6 per 100, postpaid. Mrs. E. C. Brackett, Alpena Pass, Ark.

Single Comb Dark Brown Leghorn eggs for hatching, \$1 per 15. Mrs. E. W. Bacon, Oakview Farm, R. 2, B. 22, Des Arc, Ark.

Turkey eggs, 9 for \$3.50, 13 for \$4.50 or 40c each. B. L. Randolph, B. 73, Newburg, Ark.

Baby chicks from Baron strain, English S. C. White Leghorns from trapnested Hogan tested stock, eggs for hatching, prize winners. Robinson Poultry Farm, R. 3, Gravette, Ark.

Dark Barred Rock bred-to-lay eggs, \$1.50 per setting of 15; baby chicks at \$17 per 100. D. W. Weaver, Amity, Ark.

Barred Rock eggs, \$2 per 15. J. A. Deshazo, Calico Rock, Ark.

S. C. White Leghorns, 300-egg Baron strain, extra heavy laying hens mated to selected cockerels from Drums 300-egg strain, postpaid, \$1.50 per 15; chicks, \$12 per 100, satisfaction guaranteed and 100% live delivery guaranteed. Mrs. B. E. Patton, Harrison, Ark.

S. C. R. I. Reds, write for prices. Y. M. Mason, Waldron, Ark.

Pigeons for sale, write Doyle Strickland, R. 2, B. 90, Tinsman, Ark.

Purebred Rose Comb Buff Leghorn eggs, \$1.25 per setting, \$3 for 50; \$5.50 for 100, postpaid. Mrs. Jamison, Diamond, Mo.

McLester-Aristocrats Barred Plymouth Rocks that are making great record as layers and winners; won six prizes with six birds at Russellville show. Eggs, \$2.50 to \$3.50 for 15; chicks reasonable; get our mating list. Ray McLester, Pangburn, Ark.

S. C. D. Brown Leghorns of the Everlay strain, lay all time. Eggs, \$1.50 to \$3 for 15, chicks reasonable. Ray L. McLester, Box 94, Pangburn, Ark.

S. C. Buff Orpington eggs, 15 for \$1. W. W. Horton, King Mill, Ark.

Dark Brown Plymouth Rock cockerels, \$3.50 to \$7, grandsons to 1st prize old pen, Chicago National show, 1922; eggs, \$3.50 per 15. Walter W. Bradley, Gen. Del., Fort Smith, Ark.

Purebred Mammoth Imperial Pekin Ducks and drakes, \$1.25 to \$1.50 each, fine layers; eggs, 12 for \$2. Buff Orpington duck eggs, 12 for \$2.25. Mrs. M. C. Milner, R. 1, Blevins, Ark.

English White Leghorns, 314-egg line, imported breeding \$6 per 100. Mrs. Winnie Lacy, Gerster, Mo.

Barred Rock eggs for hatching, Park strain, \$1.50 per 15 or \$6.50 per 100; prize-winning birds. Mrs. Roy Whitney, R. 1, Garfield, Ark.

Purebred R. I. Red eggs at \$2; also purebred Bourbon Red turkey eggs at \$5, postpaid. Mrs. Riley Lewallen, R. 2, B. 125, Hope, Ark.

S. C. Buff Orpington eggs for hatching, purebred, Hogan tested flock, \$1.50 for 15 eggs, postpaid. J. L. Murray, Garfield, Ark.

Single Comb Brown Leghorn eggs, 14 for \$1, extra large hens, fine layers. Jesse Brown, R. 1, Cabot, Ark.

Eggs from R. C. White Wyandottes Martin strain direct, pedigreed, \$10 per \$100, pedigreed cockerels, \$3 to \$5. Mr. W. H. Graves, Fairfax, Mo.

S. C. White English Leghorns stock and eggs, eggs 15 for \$1 or 100 for \$5.50, parcel post prepaid. Mrs. D. O. Davis, Pangburn, Ark.

Silver Laced Wyandottes, prize winners, \$1.50 for 15 eggs. Chas. P. Niemeyer, R. 1, B. 29, London, Ark.

Geese, six geese and six ganders at \$1.25 each. Asa Robbins, R. 1, Judsonia, Ark.

Pure S. C. Dark Brown Leghorn eggs, 75c for 15 eggs, \$3.50 for 100 eggs. Mrs. B. E. Grommer, Bentonville, Ark.

Eggs for hatching from purebred Silver Laced Wyandottes, prize winners, bred-to-lay and win. \$1.50 per setting, shipped with care. Cass B. Hickey, London, Ark.

Five White Plymouth Rock cockerels, 200-300-egg strain, \$3 each. Mrs. Henry Sadler, Box 22, Brentwood, Ark.

S. C. Dark Brown Leghorns, eggs \$1 per 15; \$6 per 100, prepaid; pullets, \$1.50 each, \$15 per dozen. W. E. Huev, Russellville, Ark.

Tom Barron English White Leghorn eggs, \$1 per 15; \$6 per 100, prepaid. Mrs. S. R. Wells, Russellville, Ark.

White Wyandottes, eggs \$1.50 to \$3 per 16; baby chicks, \$8 per 50; \$16 per 100; winners at poultry shows and egg-laying contests, mating list free. R. L. Cassidy, R. 1, Nashville, Ark.

Purebred single comb White Leghorn eggs for setting, bred to lay, \$1.50 for 15. J. J. Bullock, R. 2, El Dorado, Ark.

Bronze turkey toms, \$7.50; hens, \$5; eggs, \$3 per setting of 10. Mrs. Rufus Blair, Marshall, Ark.

Eggs from heavy-laying White Wyandottes mated to Regal Dorcas Cockerels, \$7 per 100; \$4 per 50; \$1.50 per 15, postpaid. Mrs. H. C. Wylie, Pea Ridge, Ark.

Buff Plymouth Rock eggs and chickens, \$1.50 for setting. Mrs. G. D. Ratcliff, B. 84, Dumas, Ark.

Genuine thoroughbred S. C. R. I. Red eggs, \$1.25 per setting of 15 by insured parcel post. C. H. Harper, R. 1, B. 13-A, Rison, Ark.

Hatching eggs from heavy winter laying strain, English type White Leghorns, \$1.25 per setting, postpaid. E. A. Hunt, R. 6, B. 111, Pine Bluff, Ark.

Hatching eggs from pure Tanager strain S. C. White Leghorns, \$2.50 for 15; \$4.50 for 30; only 30 eggs to each customer. T. H. Hughes, Kensett, Ark.

S. C. White Leghorns, Barron strain bred to lay, 75c for 15, postpaid. Mrs. J. D. Berry, R. 4, Vilonia, Ark.

Mixed Pekin and Indian Runner duck eggs, 65c per setting of 13. Edwards Bonds, Blevins, Ark.

Single Comb White Leghorn baby chicks, the quality you want at prices you can afford. Mrs. Walter Kerr, Bowling Green, Mo.

One young Mammoth Bronze tom for \$8; five young hens, \$6 each or \$10 for pair; Buff Orpington pullets, pure bred, at \$1.50 each. Maud L. Harwood, R. 1, Siloam Springs, Ark.

Fourteen white guineas to exchange for Jersey cow or R. I. Red or Single Comb Brown Leghorn pullets. W. T. Anderson, Rogers, Ark.

One-year-old turkeys, toms and hens, \$8 per pair, \$5 each. B. L. Randolph, Newburg, Ark.

Brown Leghorn and Buff Orpington duck eggs. Henry B. Chism, Danville, Ark.

Day-old baby chicks for March and April, \$15 per 100, postpaid; May, June and July, \$12 per 100, postpaid; hatching eggs, \$7 per 100; all S. C. White Leghorns headed by 250-egg strain cocks. C. M. Kreece, R. 2, B. 165-A, Hot Springs, Ark.

Barred Plymouth Rock eggs, \$1.50 for 15, Bradley Weigher layer strain, bred for size, shape and color, production. J. W. Young, Fordyce, Ark.

Allen's Active Anconas, three-year record in National egg-laying contest, eggs, \$1.60 per setting; \$7.50 per 100; chicks, 17½c each; \$15 per 100, prepaid; satisfaction guaranteed. Mrs. Avery Allen, Macon, Mo.

Hatching eggs and baby chicks from splendid line trap-nested S. C. Reds, a few hen cockerel mated pens at \$10 each; will exchange eggs from our best pens. Bronze or Bourbon Red turkey eggs, satisfaction guaranteed; mating list on request. Mrs. R. C. Parks, Lewisville, Ark.

Hatching eggs and chicks from blue-ribbon winners of Benton county shows S. C. Anconas, Speckled Sussex, Columbian Wyandottes and S. C. White Leghorns. Send for mating list. Walter Brothers, Sulphur Springs, Ark.

Barred Rock eggs from prize winners, \$1.50 for 15. Mrs. N. B. Faulkner, Cherry Valley, Ark.

Parks Bred-to-lay Barred Rocks and Barron White Leghorns, eggs from special mated breeding pens; \$1.50 per setting, \$6 per 100. Ira Jones, DeWitt, Ark.

Hatching eggs from English S. C. White Leghorns, high producers, \$1.25 per setting; 50 eggs for \$3; 100 eggs for \$5. Shady Grove Poultry Farm, R. 2, B. 43, Hot Springs National Park, Ark.

S. C. White Leghorn eggs for hatching from Hogan tested birds; \$1.25 per setting; \$6 per 100. Mrs. H. R. Webster, R. 6, Fayetteville, Ark.

S. C. White Leghorn eggs, \$1.25 prepaid, Ferris 200-300 egg strain. Mrs. S. E. Martin, Franklin, Ark.

Pure Barred Rock eggs from heavy laying strains, \$4 per 100. Minnie Vandever, R. 1, Lincoln, Ark.

Free range Black Minorca eggs, \$1.25 for 15, postpaid. Jack Rodgers, R. 4, Atkins, Ark.

Six S. C. Brown Leghorn cocks, \$1.25 each, postpaid, or \$1 each, collect; high egg producers. C. F. Harris Pottsville, Ark.

Tanager cock from three generations of 300-312 egg hens and sons mated to hens and pullets from Tanager's 250-312 egg lines; eggs \$4 to \$10 setting; chicks. Wm. R. Curry, Gentry, Ark.

Fishel Wyandottes, official trap nest records of hens 177-223 eggs mated to Fishel White Wyandotte cockerel from 274-294 egg lines; eggs \$3 for 15; 50% discount for May delivery. Wm. R. Curry, Gentry, Ark.

Blue Spanish Games, \$2.50 for 15 eggs, guaranteed; chicks at 12½c each; also Bantams and Pullet roosters at \$2.50 per pair; prompt delivery; 15 eggs for \$1.25. Write Arthur Burns, Jr., B. 6, Hunter, Ark.

S. C. Reds, excellent layers, owned them for 20 years; eggs \$1.50 per 15; \$2.75 per 30; day-old chicks at \$20 per 100 postpaid; satisfaction guaranteed. Mrs. Wash Jones, Vilonia, Ark.

Single Comb Black Minorca eggs, \$1.25 per setting; \$2.25 for two settings; 100 eggs for \$5.50; also Silver Lace Wyandotte eggs at \$1.25 per setting; extra fine Barred Rocks mated to Aristocrat cockerels, setting \$1.50, postpaid. Mrs. Eva B. Watson, Pea Ridge, Ark.

WANTED—MISCELLANEOUS.

Old-time hunch yam sweet potatoes or slips. H. L. Bradshaw, R. 7, B. 41, Pangburn, Ark.

Extra early velvet beans and bush or bunch velvet beans. W. S. McElroy, Cecil, Ark.

Planting cotton seed, big boll variety, state what you have and give price per bushel. Geo. L. Hopkins, Gillham, Ark.

A few mammoth yellow soy beans. Fred Hohack, Green Forest, Ark.

Sheep and goats. Dr. F. A. Berلمان, R. 4, Rogers, Ark.

Number 180 Letz Dixie Mill. C. S. Kendall, Kensett, Ark.

Four experienced coon hounds between three and five years old, accustomed to water and on twenty days' trial. Ray Langston, R. 2, B. 75, Green Forest, Ark.

Wanted: Cub bears, wild cats, coons, skunks, minks, eagles, deer, etc. L. S. Dunaway, Gleason hotel, Little Rock, Ark.

I want to hear from beekeepers in sections where cotton poisoning has been used. Does it in any way affect the bees or honey. Miss Dixie Billingsley, Gravelly, Ark.

To lease or rent an eight or ten-acre tract. B. L. Randolph, Newburg, Ark.

Share cropper—can use about three hands and one hand by the month. I own the land and will make good terms. W. A. McNeely, R. 1, Scott, Ark.

Twenty bushels of soy beans, 20 bushels of Whippoorwill peas and some Silver Mine corn. R. L. Whitaker, Prairie Grove, Ark.

Gladioli bulbs and seed of Arkansas wildflowers. C. P. Freeman, Willowbrook, Cal.

SEEDS AND PLANTS.

White Spanish peanuts for food, 7c per pound. F. P. Owens, Bingen, Ark.

Tobacco plants, 50c per lb. with directions for cultivation, cutting and curing by an old Kentucky raiser who is open for a job for raising or handling, grading or selling. C. C. Cox, Jacksonville, Ark.

Sweet potato plants ready April 15, Nancy Hall and Porto Rican, 100 plants for 40c; 1,000 plants for \$2.50, parcel post. Clarence Young, R. 1, B. 46, Waldron, Ark.

Cannas yellow and red, 10c each; Elephant ear bulbs 10c, 15c and 25c each; chrysanthemums, yellow and old rose at 10c each; postpaid. Pansy Chronister, R. 3, Pottsville, Ark.

One-year-old grafted apple trees, 12½c each; also grape vines and other fruit trees, Lankford Nursery, Bergman, Ark.

Cantaloupe seeds, 50c per pound. J. W. Cole, Emmet, Ark.

Yellow canna bulbs at 10c each, postpaid. Mrs. Harvey Harrington, B. 4, Sherrill, Ark.

Tomato and cabbage plants. Helery B. Chism, Danville, Ark.

Himalayan berry plants at 25c, postpaid. Mrs. W. W. Lee, Joiner, Ark.

New Era peas at \$3.50 per bushel, f. o. b. D. W. Milum, Pyatt, Ark.

A few choice Mung beans at 20c per pound, delivered in five-pound lots. J. V. Partin, Danville, Ark.

Delfos 6102 cotton seed, obtained direct from Experiment Station, carefully ginned, absolutely pure. T. M. Patterson, A. & M. College, Mississippi.

Ever-blooming yellow cannas, 15c each or will exchange for dahlia or gladioli bulbs, ever-blooming rose or other shrubs. Mrs. B. E. Patton, Harrison, Ark.

Will exchange 100 well-rooted Himalayan blackberry plants for same amount of raspberry plants. Thomas Wallace, Bonnerdale Route, Hot Springs, Ark.

White and cream narcissus bulbs, \$1 per dozen; grape vines, 50c each. Mrs. L. D. Donal, R. 1, B. 52, Blevins, Ark.

Fifty hardy Ozark huckleberry bushes for \$1; 50 blackberry bushes for \$1; 40 Erskine Park everbearing raspberry bushes for \$1; 60 black raspberry plants for \$1. J. C. Jay, Eureka Springs, Ark.

Extra early velvet beans and bush or bunch velvet beans. W. S. McElroy, Cecil, Ark.

King Humbert cannas, 10c each; \$1 per doz.; choice dahlia bulbs, 15c each, 8 for \$1; all different. J. W. Young, Carrier No. 2, Fordyce, Ark.

Everbearing strawberry plants, Progressive, Superb and Americus. Write for prices. J. L. Murray, Garfield, Ark.

Orchard grass, \$1.50 per bushel. Loy A. Johnson, Mayfield, Ark.

Choice strawberry plants, price list free. Louis Hubach, Judsonia, Ark.

Would like to exchange ferns, double and single oclanders, amaryllis bulbs, lilies, for peonies, ever-blooming roses, figs, grapes, fruit, magnolias or anything useful. Mrs. C. W. Anderson, Witter, Ark.

Early Fulghum oats registered inspected and tested by Arkansas Seed Growers' Assn. Germination over 90%; \$1 per bushel, f. o. b. A. C. Willert, Gravette, Ark.

Dry, matured seed corn, 9 to 11 inches, 97% germination, Franks Ideal yellow corn, \$4 per bushel postpaid sacks included. Frank Claycomb, Weldon, Ark.

Onions, red and yellow sets, 25c per gallon or \$2 per bushel. B. O. Burnette, R. 1, Corley, Ark.

Strawberry plants of varieties best suited to Arkansas soils. Send for catalog and price list. J. A. Bauer, Judsonia, Ark.

50 bushels Acala cotton seed, \$3 per bu. J. W. Hutchinson, Higden, Arkansas.

One package each dahlia, gladioli, grass beads and Rose of Sharon seed for 10c. Mrs. B. E. Shreve, DesArc, Ark.

MISCELLANEOUS.

One horse-power mill drill, practically new, can be used with gasoline engine; \$200. A. P. Morgan, Sitka, Ark.

One 38-caliber Winchester repeating rifle, practically new and in good condition, \$15; cash or exchange for incubator. Lee Steinsilk, R. 5, Alma, Ark.

Choice quarter dried apples and peaches; 25 lbs. of each postpaid, \$7.25; 25 lbs. of either kind, \$3.75. Bern Carlock, R. 2, Springdale, Ark.

One incubator and brooder; \$15. Earl Jones, Harris, Ark.

Sorghum syrup, \$1 a gallon; Whippoorwill peas, 5c per lb., f. o. b. E. L. Presley, R. 4, Okolona, Ark.

Incubator in good shape to trade for White Leghorn or White Wyandotte pullets or setting eggs; would like to trade my S. C. W. Leghorns and their eggs for other breeds. Jas. R. Hearnberger, R. 1, B. 54, Thornton, Ark.

Belgian hares. J. H. Bauman, Pottsville, Ark.

LIVE STOCK.

Registered Jersey cows, heifers and calves, both sexes, best bred bull calves in state. E. M. Youngblood, Green Forest, Ark.

One span of sound mules, weight between 1,100 and 1,200 pounds, six and eight years old; \$225 cash. A. Z. Blanchette, R. 1, Hensley, Ark.

Registered bull calf, good individual, solid color, faun, best strains; \$25; carefully fed on whole milk, grain and hay. M. L. Harwood, R. 1, Siloam Springs, Ark.

Pure bred Poland China pigs; \$6 each, either sex, f. o. b., Womble, Ark. C. J. Wilson, Box 14-A, Womble, Ark.

One registered Big Type Poland China boar, 2½ years old, weighs around 500 lbs., good breeder, Long Wonder and Mammoth Giantess strain; \$35 f. o. b. DesArc. Worley Johnson, R. 1, DesArc, Ark.

Big registered Missouri and Kentucky bred jacks; liberal terms. Harry N. Bell, Texarkana, Ark.

Trotting and saddle horses, Shetland ponies, Poland China hogs, Toggenburg milch goats, White Leghorns, Pointer dogs and puppies. Barbee Stock Farm, B. 5, Monticello, Ark.

Bulls and heifers of very best breeding, reasonable price, registration papers free. W. L. McCord, R. 2, B. 100, Rogers, Ark.

Big Bone Poland

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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LITTLE ROCK, ARKANSAS

MAY, 1924.

Fayetteville, the Mother of the University of Arkansas

By JIM G. FERGUSON, COMMISSIONER.

WHATEVER the University of Arkansas is today it owes largely to Fayetteville, the city that made the founding of the institution possible, that donated the site upon which it was built and that has given hundreds of thousands of dollars and half a century of co-operation to its cause. Fayetteville's interest in education and its loyalty to the University has endeared that beautiful Ozark city not only to the thousands of students who have attended the University but to every citizen of Arkansas. The University and Fayetteville, logically and sentimentally, are inseparable.

It would cost several million dollars to set up at some other point in the state another plant like the University of Arkansas and it would cost a great deal more to operate the University at another place than at Fayetteville. Even though a site should be donated and money provided for the construction of buildings the state would require a much larger amount for operation elsewhere than the University now receives, and this additional expense would soon consume any removal bonus that might be obtained. It would increase the living expenses of the hundreds of students who attend the University for there is no place in the state where these charges are more reasonable than at Fayetteville.

If the State has any capital to invest in the University the money should be spent in improving the property at Fayetteville in building upon what we already have. Arkansas will never have a great University as has its neighboring states of Missouri, Kansas, Oklahoma and Texas, until it gets



FAMILIAR TOWERS, UNIVERSITY OF ARKANSAS.

behind Fayetteville and helps that city in the big job it undertook something like fifty years ago.

Instead of consuming the time of the General Assembly in the discussion of bills to remove the University or branches of that institution from Fayetteville to some other parts of the State, the representatives should find some way to provide more adequately for the needs of the school in its present location and it should build not for the present but for all time.

The University should never be taken away from Fayetteville. That city holds a contract with the state, as sacred as any contract could be written, providing that the school should remain there for all time. Nothing can shake Fayetteville's legal title.

Nothing can shake the sentiment of the people of Arkansas in its approval of the present site of the University.

With the extension of automobile roads and the improvement of highways generally the hill country is becoming more accessible and instead of being isolated, Fayetteville is now on the main line of travel and within easy reach from any part of the state. A trip to and from the University town by automobile has come to be one of the popular summer diversions.

The average student makes not more than two or three trips between his home and the University during his school year and the question of convenience and accessibility is not nearly so important as is the matter of a high and healthful location,

pure air and clear water. Thousands of tourists come to Arkansas every summer to enjoy the mountain climate. Is this not worth something to our boys and girls?

Anyone who visits the University is impressed with the natural surroundings, the spacious campus, the beautiful views that are to be obtained from the grounds, the noble trees that shade the walks and surround the buildings, the clear skies, the cool breezes and the multitude of song birds—every one an inspiration.

But when we contemplate what Arkansas has done to improve this situation, to build upon what nature has provided, there is disappointment. The buildings are old and poorly equipped. There is a lack of grandeur and liberality that one seems to expect in the presence of such opportunities. If the State of Arkansas would match dollars with Nature in the outfitting of its highest institution of learning we would have a University the like of which no where has been equaled.

Fayetteville always has been and always will be an educational center. One of the first colleges in Arkansas was established in Washington county long before there was a University of Arkansas or a city of Fayetteville. The people of northwest Arkansas are highly intellectual; they are seekers after knowledge. They live in an educational atmosphere. A great religious denomination has established a summer assembly at Fayetteville. There are schools all about. Could the people want a better setting for their State University.



FAYETTEVILLE AS SEEN FROM THE TOWERS OF THE UNIVERSITY OF ARKANSAS.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



CONWAY COUNTY FARMERS HAVE BUSY YEAR AHEAD.

W. S. Delaney, farm demonstration agent in Conway county, writes the following interesting letter to *The Bulletin*:

"While I have been here only three months, I have started several phases of work which promise to accomplish much good for our agricultural producers. I helped our farmers to order 50 tons of nitrate of soda and 75 tons of acid phosphate for home mixing according to their soil and crop requirements. We saved \$20 per ton on nitrate and \$3.50 per ton on acid phosphate by buying co-operatively.

"After investigating the soil conditions here, I recommended that our farmers use a mixture of 100 pounds of nitrate of soda and 200 pounds of acid phosphate on cotton land. This mixture analyzes approximately 10 per cent acid phosphate and 5 per cent nitrogen. On nearly all heavy soil and sandy loam, we used 200 to 300 pounds per acre, applied at time of planting the cotton seed.

"In the northern part of this county we have a light sandy soil which undoubtedly needs potash. On this soil we are using a complete fertilizer at the rate of 100 to 200 pounds per acre.

"The Chamber of Commerce of Morrilton has financed boys and girls who wanted to raise pure bred poultry. I have placed 100 settings of pure bred eggs under this plan. The club members have one year to raise a flock of chickens and market the surplus out of which they are to pay the cost of the eggs.

"I have co-operated with the Dairy Association and the Scroggins Trust Co. in bringing in 100 head of dairy cows. The cows were purchased by the trust company and sold to farmers on liberal terms at actual cost. This has enabled many cotton farmers to begin shipping cream this spring since many of the cows had calves at side, and all have already freshened or will freshen within the next 30 days.

"I have started seven fertilizer tests to determine the proper amount and kinds of fertilizer to use on cotton under boll weevil conditions. These tests are located on river bottom land, bench and upland; these three types include all the soil types in Conway county.

"In my travels over the county I have found several fine old orchards which have been neglected until the trees are badly damaged by insects and diseases. However, these orchards in many instances can be renovated and made profitable to the owners.

"Near Lanty I found two wonderful cherry trees which were brought from Switzerland 50 years ago. I wish I had a photograph of these remarkable trees in blossom as I saw them about two weeks ago while terracing land for Luther Maxwell, on whose farm the trees stand. I have never seen in the great fruit sections of the West such fine cherries as these.

Yet they have been standing there 50 years without any attention whatever and without missing a crop. Mr. Maxwell informs me that the cherries are of the finest quality for table use. These trees show remarkable resistance to diseases and insects, and demonstrate that Conway county soil is adapted for the commercial culture of this valuable fruit. I have called to the attention of several fruit growers the fact that cherries are more profitable than apples, peaches or even oranges where they can be successfully grown. I believe that in the future Conway county will produce cherries as fine as those grown in California, where land is worth \$400 to \$800 per acre.

"Conway county promises to become a rival of Tontitown for fine grapes. At Center Ridge, 20 miles northwest of Morrilton, is a colony of progressive Italians who are planting vineyards. Grape rot is the only drawback to vineyards in this county and it can be easily controlled by spraying with Bordeaux mixture. I have arranged for several demonstrations of rot control this year."

CERTIFIED LIST OF GROWERS OF SWEET POTATO SLIPS.

Following is a list of growers of sweet potato slips whose plants have been certified by the State Plant Board:

NANCY HALL VARIETY.

Alvy, Jack.....Van Buren
Holand, J. Z.....Van Buren
Johnson, E. B.....Rogers
Tri-State Potato Co.....Rogers
Waller, O. C.....Judsonia

NANCY HALL AND PORTO RICO.

Woods, Bryce.....Rogers
Woods, L. C.....Rogers
Asher, C. C.....Bentonville

PORTO RICO VARIETY.

Fleming, Otto.....Benton

CLAY COUNTY NOW SECOND IN COTTON PRODUCTION.

From eighth place in cotton production in 1922, Clay county last year advanced to second position among the cotton counties of Arkansas, being led only by Mississippi county. Clay county produced last year 24,118 bales but this was not her largest crop, for in 1922 her yield was 27,291 bales. Mississippi, which has stood first for several years, produced 50,967 bales in 1923 and 93,953 bales in 1922. Crittenden county ranked third last year with 23,744 bales, just a little bit more than Jefferson county, which for many years was the banner county of the State.

The final ginning figures for the State and for the United States have just been compiled. Arkansas produced a total of 642,368 bales as compared with 1,010,520 bales in 1922. For the United States the total was 10,159,498 bales as compared with 9,729,048 in 1922 and 7,977,778 in 1921.

WHAT FARMERS OF STATE IN- TEND TO PLANT.

Reports from 10,000 farmers in Arkansas, made to the U. S. Department of Agriculture, show intentions to plant this year no more corn than was grown last year but slightly more oats, hay, rice and potatoes.

The report does not include cotton because of the objections of Congress to the publication of this advance information, it being claimed that the effects of such reports upon the market were not to the interest of the farmer.

If the acreage of other crops than cotton be deducted from the total cultivated area of the state, and it is conceded that the difference represents the probable cotton acreage for 1924, it appears from the intentions to plant report given below that there will be planted in Arkansas this year about the same amount of cotton as was grown last year—somewhere around 3,000,000 acres.

The intentions to plant report, compared with the crop acreage of last year, is summarized as follows:

Crop	Acres 1924	Acres 1923
Corn	2,002,000	2,002,000
Oats	324,000	269,000
Irish Potatoes.....	38,000	33,000
Sweet Potatoes....	47,000	40,000
Peanuts	21,200	17,000
Hay	743,400	682,000
Rice	147,600	133,000
Cotton	not reported	3,054,000

If there is any reduction of the cotton acreage it is likely to be due to the lack of labor or financial inability rather than to a general plan of diversification. It is the belief of those who closely analyze these figures that the farmer is going to plant this year all of the cotton he can handle.

NOTES FROM CROP REPORTERS.

By CHAS. S. BOUTON,

Statistician, State-Federal Crop
Reporting Service.

J. M. Walton, of Searcy, White county, says: "I have been farming mostly for thirty years, and it is getting harder all the time. I can make more money myself at public works than my whole family can make on the farm. I plant only crops that my immediate family can handle, as one cannot depend on hiring labor here."

J. H. Simmons of Mountainberg, volunteers the following: "As to raising things for the market, I have been raising and

shipping stuff, and getting nothing back, and if I sell here, the buyers won't give anything much. I am going to try to raise all that I use, and just as little to put on the market." From the same county, Josiah Stahl of Rudy, remarks: "This is why so much of my land lies idle because of scarcity and unreliability of labor, I find it is more profitable to me to let my land grow in pasture than to hire labor to work the land. The wages, short hours, and board cost more than the profits from sales of crops."

In the adjoining county of Franklin, some farmers are also thinking well of pasture and hay crops. M. H. Sassiman of Ozark, says:

"Feeder hogs maintain a good price; horses are low; good mules in demand, but no sales for poor mules. Cows are advancing. We are selling about \$3,000 worth of butter fat per month in North Franklin county."

In a similar strain is the thought of R. A. Parker of Steppock in White county: "The general stock law, which has recently taken effect in this county, has completely reversed the old order or methods of farming. Before this, people never thought of diversification, tame hay or permanent pastures; now, they quickly turn to all these things as a means of relief."

Among other things, J. H. Reece of Hope, in Hempstead county, says: "Some farmers are buying 18 per cent acid phosphate and cotton seed meal and mixing it to suit their land. We have got the cotton situation in our hand, if we let the boll weevil alone. He is a blessing in disguise. If we were to destroy them, cotton would sell next fall for 8 or 10 cents. If it wasn't for the weevil, it wouldn't be any trick to make 19 or 20 million bales of cotton."

G. W. Randall of DeValls Bluff, remarks: "Only the poorer kind of labor remains on the farm as the wages are low, and those who will hustle don't want the farm wage when he can get shorter hours and more pay. Most farmers hire as little as they can. The condition will grow worse till the farmers get away from machinery and tractor farming and get back to horses and mules, and consume a part of what they produce instead of trying to sell all crops when there is no market."

A. W. Guenther of Hazen, says: "The hired help one can get is very poor. A good neighbor is the best help. Most of my work in the summer is putting up prairie hay. I have my own haying outfit.

Homeseekers Who Want to Buy Arkansas Farms

J. Thomman, 723 N. Buffalo, Cleburne, Tex., inquires about land in north-western Arkansas.

Wm. P. Carter, 469 Colorado Ave., Lorain, Ohio, has written for information concerning the natural resources of our state.

S. K. Roberts, Maple Plain, Minn., is coming to Arkansas in the fall.

F. E. Brown, Gen. Del., Horton, Kans., is contemplating a trip to Arkansas.

W. B. Thurston, R. 2, Mound City, Kans., has heard of the advantages Arkansas affords and wishes to become a dairyman here.

Harry E. Raymond, B. 675, Fort Bayard, N. Mex., is planning to make Arkansas his future home and has written for data concerning farm land.

F. M. Berryman, Av. Madero No. 1, Mexico City, D. F., Mexico, wishes information as to the most desirable place for a hatchery in Arkansas. He prefers a place around Little Rock.

Geo. E. Vayo, Brewer, Me., would be interested in any information about Arkansas.

H. Van Tine, Bemalille, N. Mex., writes that he would like to secure any information about Arkansas available.

Chas. Douglas, Bastrop, Tex., is contemplating moving to Arkansas, and writes for information.

Otto H. Scholz, 1421 S. Arno, Albuquerque, N. Mex., is interested in land around Rogers, Ark.

F. L. Stephenson, 4117 Worth St., Dallas, Tex., is interested in hog-raising, poultry or fruit raising in the mountainous districts of Arkansas.

A. L. Allen, Route 3, Gastonia N. C., a former resident of Arkansas, writes that he and some friends are coming to make their home here and requests information about general farming, stock raising and fruit growing.

"Am interested in locating in some part of your state, and want a small tract ready to go on," says S. S. Martin, P. O. Box 270, Mobile, Ala. He has been supplied with literature concerning Arkansas.

Wm. Dangenbaugh, Box 128, Long Lake, Wis., inquires about the agricultural possibilities of Arkansas and writes "I have made up my mind to move out of this 'Arctic Circle.'"

E. H. Kelley, Farmington, Mich., wants to settle on a small farm where the winters are mild, and he can engage in general farming. He has traveled through many states and thinks Arkansas is ideal for the farmer.

Leonard Martin, Gainesville, Ark., has written for information about Homestead lands in Arkansas.

C. W. Whitney, 306 W. Sixth Street, Concordia, Kan., has asked for information concerning Homestead lands in Arkansas.

C. R. Woyt, Box 15, El Dorado, Ark., inquires about land that can be bought cheap or homestead lands.

T. Loring Cox, Birch River, W. Va., has written for descriptive literature of the state.

W. C. Coffman, B. 218, Keene, Texas., has written for literature about our state.

Jack Riggs, 708 Palm Street, Atlantic, Iowa, is contemplating coming to Arkansas and would like to buy a poultry farm in northern Arkansas.

Henry Vauman, Kinsley, Kansas, has been sent descriptive literature of the state.

W. B. Dufur, Hebron, Neb., writes for literature about the state.

B. H. Henor R. 2, B. 110, Russellville, Ark., wants to know about Government homestead land in Pope County.

J. W. Nolen, R. 2, B. 90, Waterloo, Ala., writes that he would like to locate in Arkansas.

Marcus Howard, R. 5, B. 2, Cameron, W. Va., intends to settle in northern Arkansas.

F. A. Thurber, Liscoomb, Iowa, is planning to come to Arkansas within the next year. He has been a successful farmer in Iowa and wishes to continue farming in Arkansas, either in the Ozarks or near Hot Springs.

Joe A. Beck, R. 1, B. 15, Schulenburg, Texas, inquires about lands in northern Arkansas in the Ozark Mountain region. He is also interested in the health resorts of the state.

S. B. Culver, B. 391, Sour Lake, Tex., is planning to come to Arkansas and has written for literature on the state.

R. H. Burr, R. 3, B. 211, Boulder Colorado, writes that he will be down in September to look around and would like to locate here.

Jas. B. Yates, Keene, Texas, is an ex-service man and wants to locate in Arkansas. He inquires about homestead lands.

FARMS FOR SALE

Stands Up For Arkansas

EDITOR BULLETIN:

I have just finished reading Mr. C. L. Enwall's letter from Nebraska. He has the wrong idea of Arkansas. I have been here two years and I have never been treated better by any people than I have by the natives of Arkansas, and I have been in nine different states and owned farms. They make as good neighbors as I would wish to live by and they are honest. I have never heard one of them speak an unkind word of a man from a different state, but I can't say that much for the other fellow for I have written to thirty-seven persons that wanted to locate in Arkansas and I can honestly say that I never received a reply. I have heard it said that the Arkansawyer was a lazy, shiftless kind of a fellow. I wish to say that they do as much, or more, hard work than any place I ever lived. Most of them have walking plows and they go over their land two to four times before planting and equally that much after planting. If this is not hard work what would you call it? As I have said, I have lived in nine different states and I can make more here than any place I ever lived in. I have 100 hens, five good cows, one sow and as good a garden a farmer could have. This assures me of a living.

J. M. RATLIFF, Star Route, Beebe, Ark.

CROSS COUNTY FARM—84 acres, level well drained, house and barn, fair land, 40 acres in cultivation, balance cut-over near church and school, six miles south of Wynne, encumbrance \$1100, 6 %; my equity \$200. Chas. E. Robinson, 1823 W. 9th St. Little Rock, Ark.

UNIMPROVED FARM—40 acres, 1 1/2 miles from Chester, near school, fruit land, 30 miles north of Van Buren. G. M. Pense, Chester, Ark.

SMALL FARM—20 acres, fruit trees and grapes, four-room house and outbuildings, also one-acre lot, 11-room house, well, barn and outbuildings; near school. T. J. White, Urbnette, Ark.

BRANCH BOTTOM LAND—160 acres, 50 in cultivation, 50 in timber, 60 in pasture three-room box house, barn and outbuildings, near school and one-half mile to Green Forest, on hard surface road; fruit trees. A. M. Day, Green Forest, Ark.

ATTRACTIVE FARM—80 acres, four acres in orchard, two miles from town of Green Forest, near high school, 70 acres cleared, 10 in timber, four-room house and good barn two wells, near four different churches. E. M. Youngblood, Green Forest, Ark.

BRADLEY COUNTY FARM—120 acres, 14 acres cleared rest in timber, six-room house, barn and other outbuildings, vine orchard, two wells, creek bottom and hill land; \$1500 cash. F. L. Mosely, R. 1, Banks, Ark.

FOUR TRACTS OF LAND—near Beech Grove, two acres with improved house of four-rooms, barn and outbuildings, garden; \$1000; also 16 acres unimproved land, virgin timber, level rich land, well drained; \$500; also 40 acres unimproved upland, some timber on Crowley's Ridge; \$400; also 40 acres unimproved timber and creek bottom land. J. H. Breckenridge, Beech Grove, Ark.

TRACT NEAR REA VALLEY—80 acres, timber and in heart of free range; \$10 an acre will take Ford touring car as part pay. C. L. Daffron, Rea Valley, Ark.

EIGHTY ACRES ON CADDO RIVER—20 of good bottom land in cultivation, balance in timber, no improvements; also 10 acres in town with four-room house, two wells, outbuildings, orchard, pasture, near school. Grover Garner, Amity, Ark.

FARM NEAR BLACK ROCK—150 acres, 100 in cultivation, 75 in creek bottom, near church and school, \$13 per acre, terms, trade for Ford car or truck; also four vacant lots in Hunter, Ark., for sale or trade; \$500. J. H. Butler, Box 203, Black Rock, Ark.

WHITE COUNTY FARM—117 acres, 50 in cultivation, eight in strawberries, six in clover, barn and other buildings, two wells, for sale or trade, in college town, one and one-half miles west of Bradford. E. L. Randall, Bradford, Ark.

HILL FARM—90 acres, four acres new ground, good dairying, poultry or fruit farm, 50 acres cleared, three miles from large town, stock and tools for \$2000. Elizabeth Frint, Pochontas, Ark.

FARM NEAR GENTRY—37 acres, 25 in cultivation, 12 in woods and spring-water pasture, three-room house, outbuildings, spring, will sell separate or with stock, tools, furniture etc. W. A. Davis, R. 2, Gentry, Ark.

NORTHWEST ARKANSAS FARM—3 1/2 miles from Gravette, 160 acres, 20 acres valley land, barns and other outbuildings; \$30 an acre. J. C. Cary, Gravette, Ark.

FARM NEAR SOUTHFORK—160 acres, six-room house, outbuildings, orchard; \$1500 particulars on request. J. I. McHenry, Southfork, Ark.

EIGHTY ACRE FARM—30 in cultivation, balance in pasture and timber, two-room house, well and spring, barns, fruit; \$650. Mitchel Hyley, Mt. Judea, Ark.

FOR EXCHANGE—80 acres near Siloam Springs for grocery store, Chas. Pellum, R. 3, B. 53, Siloam Springs, Ark.

EIGHTY ACRES NEAR RECTOR—60 in cultivation, 20 in timber, will exchange for merchandise or town property, no mortgage, hill land. W. T. Jones, R. 3, Rector, Ark.

EIGHTY ACRE TRACT—would like to sell or exchange for dairy cows, hogs or cattle; will make 30 to 35 bushels of corn per acre, ideal stock farm with large creek running through it; \$600 cash or trade, old age prompts sale. J. F. Haynie, Jacksonville, Ark.

HEMPSTEAD COUNTY FARM—85 acres in Deanyville, Ark., heart of cantaloupe and watermelon belt, eight miles north of Prescott, two sets of buildings. G. B. Phillips, Deanyville, Ark.

STRAWBERRY FARM—60 acres in White County, 40 in garden and 20 in cultivation, five-room bungalow, tenant houses and other buildings, near High school and churches. Wm. P. Durham, McRae, Ark.

BOONE COUNTY FARM—60 acres, fenced, 8 in timber, 10 in clover, 250 young trees, five-room house, near church and schools. W. Stewart, Bellefonte, Ark.

IZARD COUNTY FARM—142 acres, 40 in cultivation, 25 in creek bottom land, two houses, spring, near school and church; \$1450, terms. W. H. Shannon, Lunenburg, Ark.

LAWRENCE COUNTY FARM—82 acres upland, 50 cleared, all fenced, suitable for cotton, corn, hay, fruit, truck, etc.; 7-room white house, barn, orchard, near school and church; \$1050. E. M. Moore, Denton, Ark.

CORN, COTTON AND HAY FARM—10 miles east of Star City in Lincoln County, 160 acres, 100 in cultivation, five houses; \$40 per acre, cash or terms. W. J. Adams, Star City, Ark.

CRAWFORD COUNTY FARM—97 acres, 75 in cultivation, two houses, outbuildings, excellent land, write for particulars. H. D. Vanderbeider, P. 1, R. 44 Alma, Ark.

JOHNSON COUNTY FARM—15 miles north of Clarksville, 320 acres, 20 cleared, balance in timber, half can be cultivated, three-room house, cellar, outbuildings, \$10 per acre, near school and church. E. D. McMillan, R. 1, Clarksville, Ark.

DESIRABLE LAND—5 miles west of Dover, Pope County, \$7 per acre, one house and one barn. T. H. Stout, R. 1, B. 11, Dover, Ark.

FORTY-FOUR ACRES OF LAND—12 1/2 in strawberries, rest in woods, small barn, 1 1/2 miles from Bradford, Ark. G. M. D. Hamby, Bradford, Ark.

BENTON COUNTY FARM—144 1/2 acres, 95 in cultivation, family orchard, timber, seven-room house, barn and outbuildings, five springs and creek, general farming, fruit or dairy farm. T. C. Albright, R. 3, B. 115, Gravette, Ark.

FARM NEAR THREE BROTHERS—80 acres of fertile land, barn, house, and some improvements, 10 acres cleared, spring water, good poultry, dairying and cattle farm. Joseph A. Detherage, Three Brothers, Ark.

NEWTON COUNTY FARM—320 acres, 60 in cultivation, 15 in pasture, 200 fruit trees, 100 hearing apples and peaches, 8-room house, barn, spring, free range, stock, near church and school. \$3000, terms. W. A. Bayless, Mossville, Ark.

FRUIT, POULTRY AND TRUCK FARM—97 acres, 55 in cultivation, four-room house, barn and other outbuildings, near church and school. W. L. McCorkle, Stafford, Ark.

CRAWFORD COUNTY FARM—93 acres, 60 in cultivation, 85 under fence, 33 in timber, four-room house, barn and outbuildings, well and spring, fruit, berry and poultry land, near church, school and postoffice; \$2000 if taken at once. O. W. Benoit, R. 2, B. 56 Rudy, Ark.

WELL-IMPROVED POULTRY FARM—10 acres inside city limits of Gentry, five-room house, electricity, laying house for 650 hens, four brooder houses, barn and outbuildings, garage, orchard of 330 trees, two acres of strawberries, fenced and cross-fenced, will sell with or without stock. Wm. R. Curry, Gentry, Ark.

LAND NEAR JAPTON—for sale or trade, 200 acres, two sets of improvements, 50 acres cleared and fenced, flat and hench land, seven miles from Combs, will trade for stock of goods; \$10 an acre. H. H. Ball, R. 1, B. 40, Japton, Ark.

ONE 2-ROOM HOUSE—three lots, outbuildings. W. C. Farmer, Scranton, Ark.

THIRTEEN LOTS IN HIWASSEE—eight acres, barn and outbuildings, garden, well, fruit. Pete Oaks, Sulphur Springs, Ark.

HOME AND BUSINESS—four acres of lawn, eight-room house, light plant, store building, orchard, garden, outbuildings, Post-office that pays \$40 to \$60 per month, old age is cause for selling; \$3500. J. H. Breckenridge, Beech Grove, Ark.

HOUSE AND LOT—also stock of groceries and restaurant, good business but I am too

old to handle trade. J. F. Carter, Ash Flat, Ark.

WANTED TO LEASE—farm or ranch for term of years, to raise live stock, sheep or cattle, write. L. D. Benedict, West Jackson, Miss.

ATTRACTIVE FARM—120 acres, 40 acres cleared, 30 in cultivation, five-room house, three-room house, timber; good location for hardwood sawmill; orchard; \$2,000. Jas. O. Gilley, Route 2, Box 18, Patmos, Ark.

CUTOVER LAND—80 acres with 15 acres cleared, three-room house, stable and outbuildings, near town, dairy, truck or poultry farm, \$1,800. E. E. Sands, Route 2, Beebe, Ark.

FARM NEAR BEEBE—40 acres, all in cultivation, oats and berries, pasture, six-room house, granary and other outbuildings, \$3,500. E. E. Sands, Route 2, Beebe, Ark.

FARM NEAR SILOAM SPRINGS—87 acres, 40 fenced, 30 in cultivation, 35 in grapes and raspberries; five-room house, cement porches and walks, outbuildings, running water, cows, car and chickens; \$7,000, terms. Will divide farm. F. L. Palmer, Siloam Springs, Ark.

TRACTS FOR SALE—From 20 to 400 acres for sale in order to wind up estate. Mrs. W. M. Castleberry, Salem, Ark.

FARM FOR A STORE—112 acres, near school and church, all but 10 acres can be cultivated, three-room house, timber, corn, cotton grow well, include stock and cattle, farming implements. Ill health. \$1,500. Trade for store in small town. A. P. Wahle, Galena, Ark.

WILL EXCHANGE OR SELL—50 acres, improved land, stock, implements, exchange for grocery store in town; \$2,000. Box 52, Pea Ridge, Ark.

CARROLL COUNTY FARM—93 acres, pasture, grass, clover, timber. Write A. J. Turner, Route 3, Green Forest, Ark.

IMPROVED LAND—80 acres, near school and postoffice, stock and household goods; possession at once. John C. Dillon, Advance, Ark.

SANDY LOAM FARM—322 acres, one mile from Sweet Home, 250 acres in cultivation, 60 in alfalfa, stock, dairy, hay or cotton farm; grows corn, sorghum, potatoes, truck, etc. Geo. F. Jones, Bankers' Trust Bldg., Little Rock, Ark.

INTEREST IN FARM—Will sell or trade one-third interest in two places, five-room house, barn and outbuildings; \$1,000; also four-room house, two acres of ground; \$1,500. Will sell one-third interest for \$600. Jesse T. Lashlee, Box 19, Amagon, Ark.

ATTRACTIVE HOME—2 1/2 acres land near Everton, five-room house, well and pump, grist mill, cotton gin, barn and other outbuildings. Write Jno. Cooper, Everton, Ark.

BENTON COUNTY TRACT—30 acres, smooth land, all in cultivation, no rock, terraced, some fruit, house, barn and outbuildings, would consider an exchange for north-west Arkansas property, reasonable for cash, do not write if not interested, farm in gas and fertilizer range. Mrs. E. Stanfield, Siloam Springs, Ark.

MADISON COUNTY FARM—72 acres, near St. Paul, Ark., five-room house, good outbuildings, near church and school, ideal location for chicken ranch, fruit, berries. H. R. Southerland, B. 11, St. Paul, Ark.

OUACHITA COUNTY FARM—137 acres, 10 in fruit mostly peaches, 70 in cultivation, one-half mile from Buena Vista, fruit, poultry, dairy and truck a specialty, old age prompts sale, farm implements included, write. Elberta Farm, Buena Vista, Ark.

CUT-OVER LAND—640 acres on east side of Cache River in Monroe County, also 80 acres unimproved land in Woodruff County, river bottom land well drained. Write L. Hall, Turner, Ark.

UPLAND FARM—35 acres, 15 in cultivation, all fenced, four-room house, sleeping porch, barns and other outbuildings, well and spring. Box 103, Heber Springs, Ark.

TWO LOGAN COUNTY FARMS—160 acres of fruit and general farming land, 100 cleared, 4500 fruit trees, pasture, good buildings, six miles to railroad; also 160 acres on public road, near church and school, good buildings, 400 fruit trees; \$2500, terms. C. L. Sharp, Corley, Ark.

LAND IN EAST SEARCY—3 1/2 acres, two-room house, barn, gas station, stock of groceries. Delco Light system. F. H. Hames, East Searcy, Ark.

FARM NEAR JONESBORO—33 acres, 28 in cultivation, all fenced, five-room house, barn and other outbuildings, well, fruit, two miles State Agriculture School near good market; \$2500, terms. W. A. Toler, Nettleton, Ark.

FOUR ACRE LOT—located in inland town, five-room house, new barn, two wells, concrete walks and curb, garden, strawberries, peaches, grapes and apples, near oil and gas field, ill health is reason for selling, disabled veteran wants change of climate; \$1500 terms. G. R. Cravens, Scotland, Ark.

WHITE COUNTY FARM—80 acres, 35 in cultivation, balance in timber and pasture, spring, four-room house, barn and outbuildings, well, nine miles west of Searcy, adapted to fruit and berries. Craig Johnson, R. 1, B. 89, McRae, Ark.

FARM NEAR DEQUEEN—177 acres, 50 in cultivation, three-room house, barn, wells and spring, five miles from town; \$2000 part terms, will also sell team, cattle, hogs and all farm accessories, mild climate no malaria. J. C. Byers, R. 3, DeQueen, Ark.

TIMBER LAND—40 acres, located on good road; \$150 cash or terms, write, Ben Russell, Rupert, Ark.

IMPROVED FARM LAND—1500 acres in acreage to suit buyers, near railroad, well watered. P. McKelvey, Garfield, Ark.

NORTH ARKANSAS FARM—220 acres, 150 in cultivation, 70 in pasture, three-sets of buildings, five-room house, barn, also two tenant houses, three-rooms with barns to each, four wells, near church and school, cotton gin and mill, near Little Red River valley; \$25 an acre, terms. G. W. Martin, Steadock, Ark.

JEFFERSON COUNTY FARM—40 acres, four-room house, near school, 20 minutes by auto from Pine Bluff; \$75 an acre, terms. Tracy Mills, 302 Citizens Bank Bldg., Pine Bluff, Ark.

FARM NEAR FAYETTEVILLE—122 acres, school house on farm, church, fruit, seven-room house, barn and other outbuildings, springs, on highway. Mrs. Louise Collins, R. 1, B. 56 Fayetteville, Ark.

WANTED TO EXCHANGE—Land for farm where it is healthy good fishing and some game or will exchange horses for relinquishment with above. Mrs. E. A. Bates, R. 3, Brentwood, Ark.

SEVIER COUNTY FARM—52 acres, 43 in cultivation, one in apple orchard, four in pasture, 2 in lot, 2 in garden, four-room house, one tenant house, well and spring, also 40 acres in river bottom with black loam soil 12 acres in town of 250 population, school and church; \$2250. F. M. Keaster, Provo, Ark.

NEVADA COUNTY FARM—60 acres, all cultivatable land, five-room house, barn and tenant house, near school and three churches; \$1500. A. P. Creech, Theo, Ark.

WOULD LIKE TO TRADE—Lead and Zinc mine in Scott County for land. Jno. B. Hollingsworth, Mauldin, Ark.

DREW COUNTY FARM—160 acres, 90 in cultivation, balance timber, land grows anything, near school and church, one-half mile of agricultural school; \$20 an acre, old age is reason for selling. W. G. Griffin, College Station, Ark.

NEWTON COUNTY LAND—80 acres, 60 acres tillable, six cleared, two new houses, barns, springs, near post office and stores, school and church, fruit, saw mill on place; \$500, terms. Walter R. Case, Catalpa, Ark.

CADDO RIVER FARM—Montgomery County, 111 acres, four-room house, other buildings, 10 acres in bottom; \$2600, terms, must sell on account of being crippled, write. Frank Cummins, Bismarck, Ark.

FARM NEAR EVANSVILLE—41 acres, 9 in clover, eight in corn, 600 fruit trees, 50 peach trees, good productive land, if taken soon will include crop for \$50 per acre. Lum Goldman, Evansville, Ark.

MOUNTAIN TRACT—67 acres, 40 in cultivation, two miles west of summer hotel, Mount Magazine, house, barn, orchard, near school, near town; \$1000; possession at once. S. E. Womack, R. 1, Blue Mountain, Ark.

HARDWOOD TIMBER—a good body of oak and hickory suitable for bolts or mill logs; 120 acre tract three miles from Blue Mountain, Ark. Chalmers Ferguson, B. 15, Blue Mountain, Ark.

WASHINGTON COUNTY FARM—160 acres, five miles west of Prairie Grove, good improvements with apple orchard. Miss Clara Shofner, Prairie Grove, Ark.

TWO PULASKI COUNTY FARMS—110 acres near Jacksonville, 100 in cultivation, 10 in timber and pasture, under fence, two-story frame building of 11 rooms, servant house and outbuildings, blacksmith shop and implement house, also four-room dwelling with front and back porch, near school and church; also 515 acres seven miles northwest of Jacksonville, Ark., 400 acres in cultivation, 115 in timber, nine tenant houses, seven barns, 10 wells, five springs, could be made ideal stock and dairy farm, near church and school, could sell this farm in four separate farms. J. M. Joiner, Jacksonville, Ark.

FORTY ACRE FARM—free range country; on public road, near church and school, 25 acres cleared, four acres of new clover, well and springs, 100 peach trees, dwelling, barns and other outbuildings, will include stock if can secure a quick buyer, gasoline engine, wagon and farm implements; \$1300 write. J. B. Farthing, Perma, Ark.

DAIRY, FRUIT, TRUCK AND POULTRY—good hill farm, splendid river bottom land, terms. W. A. Beckett, Gillham, Ark.

ROOMING HOUSE IN FAYETTEVILLE—well located and in good shape, rents for \$60 per month, never vacant, will exchange for farm. G. W. Dunaway, Drakes Creek, Ark.

FARM FOR LEASE—120 acres, 100 in cultivation, 20 in red oak timber, two barns, eight-room house, outbuildings, near church and school, four miles south of Berryville. J. B. Hammons, Berryville, Ark.

BRADLEY COUNTY FARM—4 miles south of Banks, one-half mile from school, 200 acres in cultivation, six-room house, three tenant houses; \$35 per acre. J. A. Lee, Banks, Ark.

WELL-IMPROVED FARM—120 acres, near school and church in northern part of Conway County, terms. J. B. Holbrook, R. 1, B. 20, Cleveland, Ark.

OUACHITA COUNTY FARM—240 acres, 120 under fence, six-room dwelling cost \$2000, four-room dwelling, three-room dwelling, one store building and necessary outbuildings; \$15 an acre, 1-3 cash, terms to suit purchaser. W. C. Ledbetter, Chidester, Ark.

NINETY ACRE FARM—joins town of Banks, five-room house, barn and outbuildings, three-room tenant house, 65 acres in cultivation, 25 in pasture and woods, all under fence; also 40 acres one-half mile from Banks, six-room house, barn and outbuildings, fenced, 32 acres under cultivation; \$1500. Write R. L. Akins, B. 76, Banks, Ark.

ARKANSAS COUNTY RICE FARM—200 acres, 140 acres rice land, balance in pasture and timber, machinery, well, granary and other improvements; \$55 per acre. M. C. Smith, Gillett, Ark.

YELL COUNTY FARM—250 acres, 150 in cultivation in heart of Fourche Valley, three houses, \$22.50 per acre; also one 40-acre tract all cleared, near town; \$30 per acre, terms. Chester A. Smith, Plain View, Ark.

TO EXCHANGE—60 acres of unimproved land in Garland County; also land near Hot Springs for \$500, will take a used Ford car in good condition as part payment. Thos. Wallace, Bonnerdale Route, Hot Springs, Ark.

FARM NEAR BEEBE—20 acres, five cleared, two miles from Beebe, near school and church. Pearl Z. Branstor, Beebe, Ark.

HOUSE AND LOT—with improvements in Beebe for sale; \$500, also small team of mules wagon and harness will consider trade for Ford. L. P. Cranston, Beebe, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

Poultry for Sale.

Barred Rock eggs for hatching from prize winning flock, \$1.50 per 15 or \$6.50 per 100 prepaid. Roy Whitney, Garfield, Ark.

Eggs for hatching from Single Comb Brown Leghorns, Silver Spangled Hamburgs and S. C. R. I. Reds, all blue ribbon winners; \$1.25 per 15, \$5 per 100. W. F. Sudmeyer, R. 1, London, Ark.

O'Neils and Allen's Round Head pure bred cocks, \$5; pullets, \$2.50. A. A. Carney, R. 1, B. 142, Bald Knob, Ark.

S. C. W. Leghorns, Tom Barron strain, bred from laying contest winners, \$1.50 per setting postpaid. J. Earl Lyons, R. 2, Greenbrier, Ark.

White Wyandottes eggs, \$1.25 per setting of 15. Mrs. E. A. Barton, R. 3, B. 46, Paragould, Ark.

Eggs for hatching and baby chicks, Barred Rocks, White Rocks, Buff Oringtons, Silver Laced Wyandottes, Light Brahmas and S. C. Dark Reds; eggs \$1.50 per 15, three settings \$3.50; chicks \$15.50 per 100, write for prices. Miller & Miller, Freedom, Okla.

Barred Plymouth Rock setting eggs at \$1.25 per 15. Mrs. T. A. Layton, R. 1, B. 16, Paragould, Ark.

Ancona, eggs per setting of 15 for \$1, postpaid. Frank A. King, Sedalia, Ark.

Prize winning Ancona eggs \$1.50 per 15, pullets 75c. White. David Nichols, Austell, Ga.

Pure Everette Claiborne Stags, game fowls, fast, aggressive, \$3 to \$5 each, eggs from three selected yards, \$3 for 15. Guaranteed. Silas T. Redmond, B. 44, Pottsville, Ark.

S. C. Dark Brown Leghorn eggs for hatching, certified stock, copy of certificate goes with eggs, satisfaction guaranteed, \$1.25 per 15, \$5 per 100. T. C. Harris, R. 2, Greenwood, Ark.

Eggs for hatching from Fancy Buff Cochins Bantams, \$2.25 per 15, \$4 per 30 prepaid few good yellow canary singers for \$7 guaranteed to sing. Fantail pigeons \$5 per pair. Mrs. Mildred Miller, B. 41, Freedom, Okla.

S. C. Anconas, high record in egg-laying contests, \$1.60 per 15 for eggs, \$7.50 per 100, chicks 17 1/2c each or \$15 per 100 prepaid, also White Wyandotte eggs and chicks for same price. Mrs. Avery Allen, Macon, Mo.

Thoroughbred S. C. White Leghorn eggs, Barron strain \$1 per 15. Ed. J. Cordon, R. 1, B. 42-A, Mohleville, Ark.

Three Buff Orpington cocks, \$1 each. David A. Lambert, Amity, Ark.

Thoroughbred S. C. W. Leghorns from 265 to 360-egg strain, setting eggs \$1.50 for 15, S. C. Anconas, Shennards' strain, setting eggs \$1.50 for 15, R. C. White Wyandottes 200-egg strain \$1.50 for setting of 15. J. W. Hopkins, R. 75, Wrightsville, Ark.

Single Comb dark Brown Leghorns, Russell strain, 15 eggs \$1, 100 eggs \$5. Clarence Young, Waldron, Ark.

Will sell or exchange one pure bred Mammoth Bronze turkey gobbler. Mrs. F. Stanfield, Sloom Springs, Ark.

Keeler-Regal Dorcas White Wyandotte eggs \$1.25 per setting, chicks \$13 per 100 prepaid. Mrs. Avery Allen, Macon, Mo.

English white Leghorns, 272-314 egg line, imported breeding, \$6 per 100 eggs, eight week cockerels and hens, June 1 delivery at \$1 each, baby chicks \$10 per 100. Mrs. Winnie Lacy, Gerster, Mo.

Ancona pullets and eggs from prize-winning stock. Write for information. Mrs. Lavada Nichols, R. 1, Rockmart, Ga.

Ancona eggs, pullets and chickens for sale. David W. Nichols, Austell, Ga.

Eggs for setting of 15 \$1.50. Silver Wyandottes. W. F. Maurey, Heber Springs, Ark.

Barred Rock eggs from prize-winners, 15 eggs for \$1. R. Lambert, B. 39, Amity, Ark.

Twenty-two head of pure bred Barron S. C. White Leghorn hens and two roosters \$1.25 each. J. C. Cox, Amity, Ark.

Everyday S. C. Brown Leghorn baby chicks \$10 per 100, hatching eggs \$5 per 100, and 10-week old cockerels and pullets \$1 each or \$10 per doz. Mrs. Frank Cox, Blue Eye, Mo.

White Plymouth Rock eggs for setting, baby chicks at 15c each, eggs \$1.50 per setting. Mrs. J. L. Casper, Lynn, Ark.

Utility Barred Plymouth Rock eggs, \$1 per 16. Mrs. Martha Wells, R. 2, Batesville, Ark.

Eggs for hatching from prize winning Dark Cornish. Mrs. J. G. Claypool, R. 1, Springdale, Ark.

Pure Barron strain S. C. White English Leghorn eggs \$1 per 15 or \$5 per 100, parcel post prepaid, guaranteed. D. C. Davis, Pangburn, Ark.

Pure bred Barred rocks, Thompson and McDonald's strain, heavy layers. Roe Mobley, Prairie Grove, Ark.

Black Langshan hatching eggs, \$1.50 per 15 prepaid. Clarence Shinn, R. 1, Russellville, Ark.

Pure bred White Indian Runner ducks and one drake. Write Geo. H. Woffenden, B. 72, Chester, Ark.

Pure bred S. C. W. Leghorn hatching eggs from Hogan tested hens, \$1 per setting. Rose Hill Poultry Farm, R. 3, Everton, Ark.

Buff Rock eggs \$2.15 prepaid, chicks 25c each. Lillian Nelson, Brighton, Tenn.

Pure bred single comb Reds; carefully culled winter layers eggs \$1.25 per setting; special mating \$2.00 prepaid. J. W. Reyenga, R. F. D. No. 3, Emmett, Ark.

Wyandotte eggs, \$1.00 per setting of 15. Mrs. H. C. Wylie, Pea Ridge, Ark.

S. C. Buff Cochins Bantam hatching eggs, \$2.00 per setting of 15. W. S. & L. Alley, Forrest City, Ark.

S. C. White Orpington hatching eggs, \$2.00 per 15 eggs. W. S. & L. Alley, Forrest City, Ark.

White Orpington eggs, \$1.00 per 15 eggs. Mrs. Myrtle Hall, R. F. D. No. 1, Box 84, Pea Ridge, Ark.

Twelve Purebred Barred Rock Hens at \$1.25 each. One cockerel at \$2.50. Setting eggs at \$1.00 per 16 eggs. A. D. Ballard, R. F. D. No. 2, New Edinburg, Arkansas.

Two Purebred Light Brahma cocks, \$2.00 each. Mrs. Thos. H. Raney, Smithville, Ark.

Purebred S. C. R. I. Red eggs, \$1.25 per setting of 16 eggs. Miss Cora Rector, R. F. D. No. 1, Stafford, Ark.

S. C. Brown Leghorn eggs, \$1.00 per setting. Mrs. W. R. Housewright, R. F. D. No. 4, Hope, Ark.

Purebred Light Brahma hens, \$3.00 each; cocks \$5.00 each. Setting of 15 eggs \$2.00. Imperial White Pekin Ducks, \$2.00 each; setting of 11 eggs \$1.75. Mrs. N. Monton, Box 345, DeWitt, Ark.

Barred Rock hatching eggs, E. B. Thompson strain, \$1.50 per 15. R. I. McCurdy, R. F. D. No. 4, Bentonville, Ark.

Purebred White Orpington eggs, \$1.50 for 15, \$3.50 for 50. Miss Pauline Craven, Macon, Mo.

One Purebred Fishel strain White Wyandotte rooster, \$2.00. Mrs. Worley Johnson, R. F. D. No. 1, Des Arc, Ark.

Baby Buff Orpington ducklings from world champion layers, any age, day-old ducklings 25 cents each, five weeks old 50c each. Duck eggs \$1. Worley Johnson & Son, R. F. D. No. 1, Des Arc, Ark.

Eggs from Golden, Silver, Ringneck and Lady Amherst Pheasants. Golden cocks for sale. L. L. Kirkpatrick, Whitesburg, Tenn.

S. C. Anconas, Shepherd strain, hatching eggs, \$1 for 15; will exchange for speckled Sussex or White Wyandotte hatching eggs. Mrs. John I. Hobbs, R. F. D. No. 1, Redfield, Ark.

Pure Bred, Single Comb R. I. R. chickens and eggs, hens \$1.50 each, roosters \$2 each, eggs for hatching \$1.50 for 15. Mrs. S. P. Haistz, Selma, Ark.

Pure bred Mammoth Imperial Pekin Duck eggs for setting of 11 \$1.25, 15 for \$1.50; Purebred Buff Orpington eggs \$1.75 for 18. J. Leighton Carman, R. 1, B. 52, Blevins, Ark.

Buff Orpington Duck eggs \$1.50 for 15, Mammoth Pekin Ducks, \$1.75 each or \$5 for trio. Pure-bred Pekin eggs \$1.35 for 13. J. W. Milner, R. 1, B. 52, Blevins, Ark.

Pure Bred S. C. Comb White Leghorns eggs \$1.25 for 15 postpaid. Mrs. Flora Hammond, R. 1, B. 74, Elizabeth, Ark.

Eggs from S. C. W. Leghorns, Ferris 265-300 eggs, \$1.50 to \$5 per 15 postpaid, also few cock birds at \$3 each. C. F. Kifer, Sheridan, Ark.

White Rock hatching eggs from heavy laying strain, \$1.50 for 15. Mrs. M. M. Nelson, Zack, Ark.

White Wyandotte eggs, \$1.25 for 15; \$6 per 100 parcel post. Mrs. M. E. Lumsden, DeWitt, Ark.

Thompson's Strain Barred Rock eggs \$1.50 per setting postpaid. Jos. S. Ottinger, Pea Ridge, Ark.

Aristocrat Barred Rock eggs from chickens direct from Holtermann's flock at \$5 per setting or two settings for \$8.50 postpaid. Mrs. Eva R. Watson, Pea Ridge, Ark.

Two S. C. Black Minorca roosters would like to exchange for Buff Rocks, eggs or chicks or would sell for \$1.50 each. Mrs. B. Zimmerman, R. 1, B. 53, Thornton, Ark.

Rio Black Langshan eggs 75c per setting of 15 eggs postpaid. Mrs. Della Curtis, Omaha, Ark.

Eggs from Rose Comb White Wyandottes, 15 for \$1.25 postpaid. Mrs. M. L. Raymer, R. 1, New Edinburg, Ark.

Hatching eggs from Silver Spangled Hamburgs full stock, 15 eggs for \$1.25; also full blood Dark Cornish Indian game eggs 15 for \$1.50. Julia Mitchell, R. 2, B. 108, Scranton, Ark.

LIVE STOCK.

Registered Hampshire boars and gilts, age five months, good breeding, prices reasonable. Frank Pryor, R. 4, Hope, Ark.

Four-year old buck for sale or exchange. Lova Johnson, Mayfield, Ark.

Holstein cattle, both sexes, write for prices and descriptions. F. S. Miely, B. 5, Gentry, Ark.

One registered Missouri-bred jack, black and white, points rights in every particular, trade for good drive heifers or young mules. M. B. Goodman, Alf, Ark.

Hampshire hogs; tried sows bred, young hogs; bred gilts; pigs two-months old. F. P. Owens, Bingen, Ark.

Pure-bred Tamworth hogs, either sex, all ages, write. H. P. Finger, Fayetteville.

Red polled cows, cows with calves at foot, breed and open heifer and heifer calves. O. F. Simpson, Hamilton, Mo.

New Zealand Red Rabbits, fine stock and purebred; one buck and two does for \$5. Henry and Edwin Sudmeyer, R. 1, London, Ark.

Will trade my registered, big type Poland China herd boar that is of the best blood line, weight 500 lbs., for a good Victrola or anything else I can use. What have you to trade? Worley Johnson, R. I, Des Arc, Ark.

One full blood (not registered) Jersey bull calf, eight weeks old, price \$12.50. M. M. McCall, Bradford, Ark.

Two Holstein hull calves, large bone, nicely marked and ready to ship. Price on request. John Hager, R. 3, B. 119, Gravette, Ark.

One hundred sheep—57 ewes, four bucks, balance January and February lambs—of the Hampshire breed, priced reasonable. Newt Davis, Noland, Ark.

Rig bone, well bred jack, 13 1/2 hands high, three years old. Priced right. L. F. True, Armada, Ark.

One Jersey bull calf, two months old; \$10 or will exchange bull for Jersey heifer calf. John Harris, Pottsville, Ark.

One brown Shetland pony, five years old, 47 inches high, broke to ride, gentle, sound,

stout enough to do light work, a \$15 saddle and good bridle goes with him; \$50. Wm. R. Curry, Gentry, Ark.

One fine jack for sale or trade for horses or team of mules or car. Jno. Zachary, London, Ark.

Pure bred Duroc Jersey pigs, 6 to 8 weeks old, \$8.50 each, papers furnished, f. o. b. Magazine, Ark. Julius Wagner, R. 1, B. 59, Driggs, Ark.

Registered Duroc Jersey pigs, both sexes, good healthy bred to sell pigs; also Purebred Jersey cattle, one two-year-old Registered Jersey bull. Walnut Grove Stock Farm, R. 4, Siloam Springs, Ark.

SEEDS AND PLANTS.

Runner seed peanuts and seed corn. Nichols Farms, Rockmart, Ga.

Everbearing strawberry plants, Progressive and Suburb at 40c per hundred, Austin Dewberry plants \$1 per 100; baby rambler roses, red and white, 25c per six. Mrs. Ava McCoy, R. 1, B. 13, Bonnerdale, Ark.

Spanish Peanuts, 10c per lb. orders for over 10 lbs at 8c f. o. b. F. F. Shehorn, Paragould, Ark.

Seed peanuts and sunflower seeds. Fulgum Seed Co. Austell, Ga.

Trice cotton seed for planting, pedigreed seed from Burdette Plantation, no other cotton raised on my farm, therefore no crosses; extra early, very prolific, good staple and bolls and adapted to thick stand, best cotton for boll weevil conditions; \$2.50 per bushel f. o. b. A. Bollenbach, Lonoke, Ark.

Large assorted gladiolus bulbs, 60c per dozen bulbs postpaid. David Nichols Rockmart, Ga.

Beautiful white and cream narcissus bulbs, \$1 per dozen, also grape vines. Mrs. Lassie Donal, R. 1, B. 52, Blevins, Ark.

Progressive Everbearing strawberry plants, 80c per 100, \$4 per 1000, certificate of inspection with each order. Roy Whitney, Garfield, Ark.

Rowden cotton seed for planting, tested at Fayetteville Seed Laboratory for purity and germination; \$1.50 per bushel. Alexander & Gibson, Atkins, Ark.

Six hundred and thirty bushels Soy beans, tested and approved by Missouri Corn Grower's Assn. Write for circulars and prices. E. L. Utterback, Gazette, Mo.

Tom Watson watermelon seed, three pounds for \$1. Southland Pecan Co., Columbus, Ga.

Fruit trees, grape vines and small fruit plants, write for special prices. Lankford Nursery, Bergman, Ark.

Cannas, strong roots, height five to six feet red; \$1 per dozen; also Blue moonflower, packet seed 10c. Mrs. T. J. Mendenhall, Rosston, Ark.

Nancy Hall Potato plants, hundreds of thousands shipped without complaint, moss packed, \$2.25 per 1000, \$2 for 10 000 or more, prepaid. H. Clyde Smith, Russellville, Ark.

Sweet Potato plants, Nancy Hall and Porto Rico plants, 40c for 100, \$1.50 for 500, \$2.50 for 1000, parcel post. Clarence Young, R. 1, B. 46, Waldron, Ark.

Porto Rico sweet potato plants at \$2 per thousand prepaid. W. D. Cunningham, B. 45, Turkey, Ark.

Frost-proof home grown cabbage plants now. Other plants later. Will have certified Nancy Hall and Porto Rican Yam sweet potato plants by May 1. Place orders early. Jos. S. Ottinger, Pea Ridge, Ark.

Porto Rico sweet potato plants \$2 per 1000 prepaid. C. L. Wolf, Yellville, Ark.

Nancy Hall and Porto Rico plants \$2 per 1000, 35c per 100 prepaid. W. D. Shinn, R. 3, B. 100, Russellville, Ark.

Blue Everblooming Wysteria 25c; Yellow canna 10c. Mrs. M. E. Lumsden, DeWitt, Ark.

Native Coral Berry bushes, 10c each. Mrs. M. L. Wilson, R. 3, Harrison, Ark.

Nancy Hall and Porto Rico sweet potato slips, \$2 per 1000 postpaid. G. J. Coffey, Stafford, Ark.

Large flowing yellow and orange cannas, white neonies; will exchange for some of different color. Mrs. Jno. I. Hobbs, R. 1, Redfield, Ark.

Improved Nancy Hall and Porto Rican potato plants, leading varieties of cabbage and tomato plants. Mrs. M. L. Nichols, R. 1, Rockmart, Ga.

MISCELLANEOUS.

Used pine in good condition, advise diameter wanted. D. W. Nichols Co. Austell, Ga.

Wanted—to hear from parties having a home weaving loom for sale or trade. Mrs. F. Stanfield, R. 2, Siloam Springs, Ark.

Honey Drip syrup cane seed. Clean and sound 75c per gallon postpaid. J. W. Turnage, R. 4, DeQueen, Ark.

One thousand pounds of country salt-cured hams, shoulders and bacon for sale. C. P. Kivkendall, Leslie, Ark.

Wanted—a doctor to make his home around Fifty-Six, Ark., in Stone County. Good business, ideal land for dairy farm. Reva N. Newcomb, Fifty-Six, Ark.

Wanted—Half and half cotton seed. J. E. Clark, Shirley, Ark.

Wanted—job hoeing cotton or cutting wood, 60 years old, but industrious and honest, J. C. Wyrick, R. 5, Minden, La.

Wanted—a renter or share cropper to work my place this year. Write Etta McEwen Fallsville, Ark.

Wanted—information as to where I can get Kudger roots. C. F. Nowlin, R. 3, Gravette, Ark.

Wanted—Goose-neck seeded ribbon cane. G. R. Lawson, R. 3, Batavia, Ark.

Wanted—to trade late model five-passenger Velie touring car, good condition, good tires, license paid; for land or as payment on home in or near Ft. Smith. Write Vol Brashears, Combs, Ark.

Oliver No. 5 typewriter, good shape; \$18., new burlap bags, eight-ounces for 4 1/2c each, American adding machine price \$16. f. o. b. Starkville, Miss., Lilyland Farms, R. 5, Starkville, Miss.

Good leaf smoking tobacco; well flavored; five pounds for \$1. J. W. Shaver, Ben, Ark.

White rabbits for sale—75c per pair or one dollar per pair and postage paid. Horace Wingfield, R. 1, Okolona, Ark.

Good Eagle well drill, for sale or trade. E. I. Maier, R. 2, Charleston, Ark.

Various designs of baskets from buck-bush and honeysuckle vines, made to order. Mrs. Eli Hunt, R. 3, No. 118, Harrison, Ark.

One carload No. 1 Pea Hay, \$18 ton f. o. b. Jackson Couch, Hazen, Ark.

One No. 16 King cream separator, 600 gal. per hour size. Practically new. Jackson Couch, Hazen, Ark.

Edison Phonograph in good condition, with 127 indestructible records, fine selection. Will take half price—\$60 cash. Kenneth Olive, Brentwood, Ark.

For Sale one female pointer bird dog, 16 months old. White and liver colored, trained and is an excellent retriever, price \$15 or will trade. Worley Johnson & Son, R. 1, Des Arc, Ark.

Whippoorwill peas for sale. Jackson Couch, Hazen, Ark.

Two hound dog pups five months old, Red Bone and Walker. \$25 per pair or will exchange for bird dog. What have you? N. L. Cook, Cedar Creek, Ark.

Persian kittens eligible to registration, three silver-tabbie females, one orange male, price \$5 each. Mrs. M. M. Nelson, Zack, Ark.

WANTED—MISCELLANEOUS.

A good doctor, by the people of Sutton and surrounding neighborhood to come and make his home; 12 miles from Hope and Prescott and five miles from Emmett, good opportunity for a doctor as there is no other doctor nearer than town. J. W. Rockett, R. 3, Emmett, Ark.

Wanted: Several bushels of black stock peas, also Brice or Clays and Red Rippers. J. E. Jackson, Casa, Ark.

Wanted place to stay by 15-year-old girl; will do housework for board and clothes; prefer aged couple. Mrs. Lora Walker, Dabney, Ark.

Wanted: Share cropper or renter to take my land of 160 acres 15 miles from Pettigrew and cultivate it. This is a homestead place and would make a good home for some one. I am 50 years old and a widow without relatives so will make it profitable to you. Write. Etta McEwen, Fallsville, Ark.

MORE FARMS FOR SALE.

WHITE COUNTY FARM—120 acres, near school, 60 acres in cultivation, 30 in pasture, 80 in timber, four-room house, barn and outbuildings, fenced; \$35 an acre with possession in spring. F. J. Fenske, Judsonia, Ark.

IDEAL STOCK AND DAIRY FARM—140 acres, 45 in cultivation, in rich creek bottom land, four-room bungalow, near church and school; \$1200. Jno. Moody, Iuka, Ark.

FARM NEAR BUFFALO STATION—100 acres, 12 in cultivation, pasture in heart of free range, black gravel land; \$20 per acre, land grows anything. Chas. H. Beavers, Buffalo, Ark.

POPE COUNTY FARM—160 acres, 40 in creek bottom, 120 in valley land, three wells, good house and barn, near church and school; \$6500 terms. H. G. Weir, R. 1, Moreland, Ark.

FARM NEAR CALICO ROCK—80 acres, five-room house, barn and outbuildings; \$1400 also 150 acres, plenty of fruit, grapes and berries, spring, near church and school, \$1900. will sell already furnished for farming. J. E. Llewellyn, Calico Rock, Ark.

IMPROVED CLARK COUNTY FARM 222 acres, 80 in cultivation, 20 in pasture, balance in timber, fenced, five-room dwelling, silo, outbuildings, fruit trees and grapes; \$20 per acre, terms, tools and farm machinery included, old age and inability to work is reason for selling. Jeff Norton, R. 4, Arkadelphia, Ark.

CREEK BOTTOM LAND—160 acres, 60 acres in cultivation, 10 in grass, 10 more can be cultivated, 80 in woodland, house and outbuildings, land must be seen to be appreciated. J. W. Cromer, R. 2, Lamar, Ark.

FARM NEAR EL DORADO—80 acres, will sell cheap; also 200 acres seven miles east of oil well, leases sold on 180 acres, balance unsold. Silas Davison, R. 3, B. 42, El Dorado, Ark.

SEBASTIAN COUNTY FARM—40 acres, 20 in cultivation, timber, barn; \$400. W. W. Dickinson, R. 1, Bonanza, Ark.

UPLAND FARM—120 acres, 85 in cultivation, rest in woods and pasture, peach and apple trees, berries, two houses, two wells and springs, barn near church and school, cash or terms; \$2500. J. L. Hill, Gumlog, Ark.

POPE COUNTY FARM—mountain farm well adapted for fruits, attractive home or place, 45 minutes from County seat of Russellville. C. C. Gay, Atkins, Ark.

FARM NEAR STEPHENS—89 acres, half mile from Stephens, good farm land but am unable to operate it with all boys gone. E. V. Milk, Stephens, Ark.

RANDOLPH COUNTY FARM—40 acres, five miles from Imboden, three miles from Ravensden Spring, fenced, two gardens, apple orchard of 35 acres, four-room house, other buildings, bargain if taken soon, good stock and hog range, will take Ford truck as first payment, old age prompts sale of land. A. B. Grissom, Bogart, Ark.

COUNTRY VILLAGE PROPERTY—17 lots, well-finished dwelling, store house, two barns, outbuildings, for sale or exchange for property of equal value; \$1750. Good opening for physician, country store or fine truck and poultry proposition. Dr. J. R. Kitley, Stuttgart, Ark.

BOTTOM LAND—780 acres, all in cultivation, 100 acres of growing alfalfa, corn and cotton land, stock farm, 200 acres in pasture. A. T. Adams, Winklesville, Ark.

RANDOLPH COUNTY F

ARKANSAS FARM AND MARKETING BULLETIN

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BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 10, NO. 6.

LITTLE ROCK, ARKANSAS

JUNE, 1924.

Playgrounds and Health Resorts of Arkansas Are Preparing for Their Biggest Tourist Year

THERE are in Arkansas resorts where the largest and most fashionable hotels in the world may be found, and there are other resorts where the simple bungalow enables the sojourner to live as inexpensively as he would live at home, and there are hospitable camping places in the open country where everything is free and one may live as he pleases — breathe the pine-tinctured ozone, drink of the health-giving waters, enjoy the wonderful landscapes, hunt, fish, rest and play.

When it comes to climate Arkansas will compare records with any state. She has more days of clear sunshine than does that part of California of which Los Angeles is the center; her winter climate is comparable with that of other Southern states, and the summer temperatures are moderated both by the balmy Gulf breezes and by the altitude of the mountains. In summer or winter it is a delightful country, with a well distributed rainfall, few extremes of heat or cold, and a remarkable immunity from the severities of the elements.

Arkansas is a well-watered state. Hundreds of beautiful, free-flowing springs of excellent water gush from hillsides and valleys in all parts of the state. In the limestone region north of the Boston Mountains such springs are especially abundant, large and beautiful. They are not mineral waters, properly speaking, but they are more valuable than if they were. Some of these springs are so big that they are utilized for driving mills, cotton gins and other machinery, and as their discharges are subject to little or no fluctuations throughout the year, they are free from the dangers of freshets and the risks of drouths.

Hot Springs National Park.

Hot Springs is beautifully situated in the



Hot Springs National Park.

midst of pine-clad hills, with a climate that is pleasant all the year. Owing to the elevation and constant breezes, the summers are pleasant, but the resort has its largest patronage in winter when visitors from the North go there to escape the snow and blizzards and play golf on the green links or motor over the smooth drive-ways on the Hot Springs reservation. Winters are mild and balmy. Hot Springs is the gathering place of the pleasure seeker and sightseer, as well as the sick and suffering, and one meets here in the great hotels, magnificent bath houses, on the boulevards or in the amusement places some of the best known people in the country.

Eureka Springs.

Eureka Springs is a city of springs, more than fifty natural fountains bubbling from its mountain sides, supplying an abundance of pure and health-giving waters not only for the visitors who go there in the winter from the North and in the summer from the South, but for shipment to those who cannot make a visit to this delightful resort. For bottled Eureka Springs water is served on the dining cars and in the principal hotels and at drug stores almost everywhere — water noted for its sparkle and purity.

Siloam Springs.

Here is a city of springs and parks. Gushing fountains of health pour forth

their pure waters to gladden the heart of the tired, thirsty and the sick and there are six public parks in the limits of the beautiful and well-kept little city. Many people go to Siloam Springs to drink of these waters, to rest in the shade of the trees, to enjoy the rare climate, and a resort city of some 3,000 population has grown up here within almost calling distance of four states.

Diamond Cave.

Near Jasper, Newton county, is the wonderful Diamond Cave. Explorations up to the present time do not show it to be quite as large as the Mammoth Cave of Kentucky, but it is more beautiful in its display of underground wonders, the fantastic appearance of the illuminated interior resembling an imaginary fairyland. The trip by auto to the cave is one of unusual interest, the road winding around the majestic hills, dipping down into the green valleys, crossing swift-flowing mountain streams, and penetrating thick forests where the crisp mountain air is tinted with the odor of pine and cedar, and a scent of wild flowers is reminiscent of woodland violets and distant meadows.

Mount Magazine.

Mount Magazine, in Logan county, Arkansas, is the highest point between the Rockies and the Alleghenies. The elevation at the summit of this great mountain is indicated on government maps as 2,823 feet, and it is here amid the forest

trees where the breezes blow cool and fresh and where a view is had of the country for a hundred miles around, that a summer hotel has been erected and where many cottagers and tent-dwellers come to spend their annual vacations.

Sulphur Springs.

High up on the plateaus where one may stand on the edge of the Ozark forests and look out upon the green prairies of Kansas and Oklahoma, is Sulphur Springs, located within a mile of the Arkansas-Missouri border. The resort has gained much of its fame because of the health-giving waters obtained from White Sulphur, Black Sulphur, Magnesia and Lithia Springs.

Bella Vista.

Bella Vista, a homelike summer resort, is set among the green hills overlooking Sugar Creek Valley in Benton county, the extreme northwest corner of Arkansas. It is said that \$100,000 have been spent in improving and beautifying the place. The two hundred or more private cottages, and the central hotel known as The Lodge, are provided with running water, sewerage and electric lights, the water supply coming from a large spring.

Monte Ne.

Monte Ne, with its hospitable club house, beautiful lake, shady groves and pleasant walks, is situated in a quiet and restful spot in the very heart of the mountains, the realization of a dream of its famous builder, Coin Harvey. The Club House Hotel, built in two sections, each 300 feet in length, has 1,100 feet of porches and 76 open fireplaces.

Heber Springs.

Spring Lake Park, a ten-acre enclosure near the center of Heber Springs, contains a group of marvelous springs, the

(Continued on Page 2.)



Camping on the Caddo.



Lake in East Arkansas.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS.

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



PLAYGROUNDS OF ARKANSAS

(Concluded from Page One.)

waters from no two of which are alike in their chemical composition. Mother Nature, in her subterranean apothecary, seems to have compounded a remedy for every ailment to which tired and infirm mankind is heir that they may be dispensed at this wonderful fountain of health.

Mammoth Spring.

Premier of springs is the Mammoth Spring of Arkansas—the largest in the world, a veritable river gushing from the mountainside, covering eighteen acres, and 100 feet deep at its source. The waters of this noted spring are remarkable because of the unchangeable flow and temperature.

Lake Chicot.

Lake Chicot is the largest body of still water in the state, as clear as a Michigan lake, with picturesque banks, and affording every pleasure in fishing and boating the sportsmen could wish. It is eighteen miles from one end of this lake to the other and nearly a mile from shore to shore. The graceful curve of the lake reveals that it was once a big bend in the Mississippi river, from which it is now separated at either end by a narrow margin of land. On the west bank of the lake is the beautiful little city of Lake Village, seat of Chicot county, and its courthouse, hotels and many attractive homes overlooking the water.

MILD TEMPERATURES AND PLENTIFUL RAINFALL.

The average annual precipitation for Arkansas as determined from about 560,000 observations covering a period of twenty-eight years is 47.33 inches. In the southern part of the state and in the highlands north of the Arkansas river the rainfall is 50 inches or more. In the extreme northwest and southwest corners of the state the rainfall is less than 45 inches. Elsewhere it is from 45 to 50 inches annually.

The greatest rainfall occurs in May and June and the least in October. Otherwise the average is about the same for all months, winter and summer. Local showers are more frequent in the hill sections.

The average annual snowfall is 1.7 inches in the southern portion and 16.9 inches in the northern.

The average annual temperature for the state is 60.8 degrees. The temperature rises about 11 degrees above the freezing point on an average winter day in the coldest portion of the state, and about 27 degrees above in the warmest portions. The temperature falls to about 8 degrees below the freezing point on an average winter day in the coldest portion of the state, and lacks 4 degrees of reaching it in the warmest portion.

The last date of killing frost in spring varies from March 14 in the southern lowlands to April 27 in the northwest highlands, extending the growing season from 167 to 233 days. Mild winters are the rule and the summers are balmy.

The summers are not nearly as hot in

Arkansas as in the Plains States," says a government report. The winters are mild and pleasant. At Little Rock zero or lower temperature has been recorded only six times in 43 years.

PLENTY OF PURE WATER.

Pure spring water or a running stream is convenient to almost every farm site in Arkansas, especially in the hill section. Well water in unlimited quantities is obtained at depths from 20 to 60 feet. There is no section more abundantly supplied with water for all purposes and the water is soft and palatable. From many points in the state the pure spring water is bottled and shipped to distant cities for table use and for serving on railroad dining cars.

BATTLEFIELDS IN ARKANSAS.

Pea Ridge, northern part of Benton county; battle fought March 6, 1862.

Prairie Grove, about ten miles south of Fayetteville; battle fought December 7, 1862.

Arkansas Post, January 8, 1863.

Fayetteville, April 18, 1863.

Helena, July 4, 1863.

Little Rock, September 10, 1863.

Pine Bluff, October 25, 1863.

Marks' Mill two miles north of Edinburg, Cleveland county; battle fought in April, 1864.

Poison Springs, twelve miles northwest of Camden; battle fought April 18, 1864.

Jenkins' Ferry, on Saline river, about ten miles southwest of Sheridan.

WONDER PLACES OF ARKANSAS.

Mammoth Spring, Fulton county; one of the largest springs in the world, a river gushing from the earth.

Diamond Cave, Newton county, nearly as large and much more beautiful than the Mammoth Cave of Kentucky.

Hot Springs National Park, Garland county, with its wonderful hot waters.

Mount Magazine, Logan county, 2,823 feet high, the highest point between the Rockies and the Alleghenies.

Magnet Cove, Hot Spring county, with its rare and precious geological specimens.

LITTLE ROCK, THE STATE CAPITAL.

Because of its convenient railroad facilities and its accessibility to motorists, Little Rock, the capital of Arkansas, has come to be one of the great convention cities of the South, visited annually by many thousands of tourists, some of whom come to attend state and national meetings, others to make it one of their stops on a tour of the state, and a great number to stop for a protracted visit for the climate, the sight-seeing opportunities and the hospitality of the city combine to make a stay here pleasurable and interesting at all times of the year.

Little Rock is called the City of Roses because of the predominance of the rose in the floral adornment of the lawns and parkways of its many beautiful residence

streets. Violets bloom throughout the winter, giving an appearance of springtime to a landscape in the background of which towers that most majestic of all evergreens, the Southern pine. It is a land where the magnolia mingles its fragrance with the breath of the lilac and where the crepe myrtle and umbrella china give touches of pink and green to colorful pictures—pictures of ante-bellum mansions, of modern bungalows, of groves of old elms, of picturesque turns in shady roadways, of sleepy cypresses nodding over still lakes, of fields of snowy cotton and of green landscapes, blue skies and golden sunshine.

This beautiful city is built upon the heights that overlook the rich valleys of the Arkansas river and the green prairies and gentle slopes that stretch eastward and southward are like a great lawn and expanse of shrubbery before some royal estate; back of the city's castle-like skyline of domes and spires are the Ozark Mountains, with their orchards, forests and mines, giving substantial sustenance to the great city, and from the doorways, north, east, south and west, stretch paths of commerce leading to the markets of the world, southward to the Gulf, northward to the lakes, eastward to the Atlantic and westward to the Pacific.

The Bankhead Highway, an East-to-West motor trail, at Little Rock intersects the Pershing Highway, a similar roadway extending from North to South. Other hard-surfaced roads radiate from the Capital City in all directions, making possible delightful side trips by automobile from Little Rock to Hot Springs, a distance of only 54 miles, to Pine Bluff 43 miles southeast, to the rice fields only 20 miles east and into the beautiful hill country on the west.

Camp Pike, where 75,000 soldiers were trained during the World war, is located just on the outskirts of the city. Fort Logan H. Roots occupies a position overlooking the city, on Big Rock Mountain. There are State institutions worthy of a visit on a stop at Little Rock—the School for the Blind, the Deaf Mute Institute, The State Hospital and the State Penitentiary.

Camping places for motor parties are afforded in the several parks and many groves within and adjacent to the city. Tourists can be directed to these places on reaching the city by inquiring at any service station. The city is well provided with hotels where the visitor will find the best of accommodations.

DIRECTORY OF HOTELS AT SOME OF THE ARKANSAS RESORTS.

BELLA VISTA: "The Lodge," Bella Vista, European plan.

MOUNT NEBO: "The Lodge," modern, American plan; rate \$3.00 a day; \$15.00 a week.

LAKE VILLAGE: Lakeside Hotel, modern, American plan; rate \$3.00 a day. Carleton Hotel, modern, European plan; rates \$1.50 a day up.

HEBER SPRINGS: Horton House, modern, American plan; 30 rooms, rate \$3.00 a day. New Morrow House, modern, American plan; 20 rooms, rate \$3.00 a day. Central Hotel, modern, European plan; 12 rooms, rate \$3.00 a day. Hebard Hotel, modern, European plan; 12 rooms, rate \$2.00 a day.

JASPER (DIAMOND CAVE): Murray Hotel, modern, American plan; 30 rooms, rate \$2.00 a day. Commercial Hotel, modern, American plan; 21 rooms, rate \$2.00 a day. Free camp grounds at Diamond Cave.

MENA: The Antlers, American plan; 35 rooms, \$3.00 per day. Hotel Mena, American plan; 28 rooms, rates \$2.00 to \$2.50 per day. Special rates by week or month. New National Hotel, American plan; 10 rooms, \$1.50 per day; \$7.00 per week. The Cottage Home, American plan; 10 rooms, \$2.50 per day. Rates by week or month. The Southern Home, American plan; 10 rooms, \$7.00 per week. Hotel Commercial, American plan; 20 rooms, \$1.25 per day, \$8.00 per week.

MAMMOTH SPRING: Nettleton Hotel, modern, American plan; 50 rooms, rates \$3.00 a day and up.

EUREKA SPRINGS: Crescent Hotel, modern, European plan; 100 rooms, rates \$1.50 to \$2.50 a day; American plan \$2.50 to \$6.00 a day; weekly, \$15.00 to \$35.00; open June 1 to September 1.

FAYETTEVILLE: Washington, American

plan; 50 rooms, rates \$2.50 a day up. Piedmont, American plan. Gilbert, American plan. Scott, American plan.

SILLOAM SPRINGS: Statler, American plan. Yuree, American plan.

ROGERS: Main, American plan; rate \$2.50 a day. Beverly, American plan. Rogers, American plan.

CAVE SPRINGS: City Hotel, American plan. Numerous boarding houses.

RAVENDEN SPRINGS: Hotel Ravenden, American plan. Numerous boarding houses.

KINGDON SPRINGS: Hotel Kingdon, American plan. Numerous boarding houses.

BENTONVILLE: Park Springs Hotel, American plan; \$16.00 a week up. Southern Hotel, American plan, 50 rooms; rates \$2.50 a day up. Numerous boarding houses.

MOUNT MAGAZINE: Hotel and cottages; write to C. V. Clifton, Blue Mountain, Ark.

MONTE NE: "The Lodge" and numerous cottages; accommodations for several hundred guests. Basin Park Hotel, modern, European plan; 100 rooms, rates \$1.00 a day up. Thach Cottage, modern, American plan; 54 rooms, rate \$15.00 a week. Landaker Hotel, modern, American plan; accommodations for 30 guests; rates \$1.50 a day or \$8.00 a week. Allred Hotel, modern, European plan; 39 rooms, rates \$1.00 to \$2.00 a day.

HARDY: Wahpeton Inn, modern, American plan; accommodations for 50 or more guests; rates \$3.00 per day or \$20.00 a week; reduced rates for children; special rates for parties. Bungalows partly furnished for the season. H. H. Norman, proprietor.

SULPHUR SPRINGS: Mountain View Hotel, modern; rooms \$1.50 a day up; meals 50 cents to \$1.00. Livingston Hotel, modern, American plan; rates \$1.50 a day. Sulphur Springs Hotel, modern, American plan; rate \$8.00 a week. Ozark Hotel, American plan. Inside Inn, European plan. Parkview Hotel, American plan; rate \$7.00 a week. Tourist Rest, furnished apartments. Fairtown Apartments, furnished. Rhodes Apartments, furnished. Donaldson Apartments, furnished. Cottage Inn, modern, American plan.

FERNDAL: Ferndale Lodge, European plan; rates \$7.00 to \$10.00 a week.

LITTLE ROCK: Hotel Marion, European plan; 500 rooms, \$1.50 to \$6.00 a day. New Capital, European plan; 100 rooms, \$1.50 to \$3.00 a day. Hotel Main, European plan; 30 rooms, \$1.50 and \$2.00 a day. Freiderica, European plan; 50 rooms, \$1.50 a day and up; American plan, \$3.00 a day and up. Terminal, European plan; 40 rooms, \$1.00 and \$1.50 a day. Merchants, European plan; 63 rooms, \$1.50 to \$3.00 a day. Gleason, European plan; 108 rooms, \$1.50 to \$3.00 a day. Hotel Revilo, European plan; 48 rooms, \$1.00 to \$2.50 a day.

GLENWOOD: Collins House, American plan; 20 rooms, rate \$2.50 a day.

CADDO GAP: Mountain View Hotel, American plan; 20 rooms, rate \$2.50 a day.

WINSLOW: Frisco Hotel, American plan; 30 rooms, rate \$2.00 a day. Numerous cottages for rent.

FARMERS' WEEK, COLLEGE OF AGRICULTURE, AUGUST 5, 6, 7 and 8.

An unusually good program is being arranged for Farmers' Week at the State College of Agriculture, Fayetteville, on August 5, 6, 7 and 8.

There will be lectures by men and women of national importance and features especially attractive to the young people.

The usual arrangements will be made to care for the visitors in a hospitable manner and there will be an old-fashioned barbecue, served by the people of Fayetteville.

BABY BEEF CLUB IS BUSY.

The Washington County Baby Beef Club, composed of 15 members, is feeding 21 Shorthorn and Hereford calves for October market under the direction of the county agent, O. L. McMurray. The calves will average about 500 pounds in weight and are making good gains.

The club plans to show its calves at the Washington county fair at Fayetteville just prior to shipping to market. The First National Bank at Fayetteville is offering \$100 in prize money, to be divided into premiums, \$20 being offered for first money with not less than \$5 for last money.

FARMS FOR SALE

MOUNTAIN FARM HOME.—120 acres of land, some in good orchard of plums and peaches; six-room two-story house, good barn and pasture; near school. Price \$2,500; \$1,000 down, terms on balance to suit purchaser. Ernest Pitts, Harris, Ark.

FRUIT AND TRUCK FARM.—112 acres, located one and one-half miles from Gillham on two public roads; fine land for fruit, berries and vegetables; 25 acres open; four-room house and outbuildings; daily mail; price reasonable. J. J. Robertson, Gillham, Ark.

PERRY COUNTY FARM.—Seventy-acre farm well suited for stock raising, good free range, everlasting stream, good well and spring; all well fenced with wire; 35 acres in cultivation; four-room house, cellar, barn and other buildings; this is bottom and second bottom land; healthful location; fine fishing and hunting grounds; convenient to church, school and only one mile to public highway, four miles to town, 12 miles to Perry railroad station. This place is well worth \$3,000, but will take \$2,000 if sold within ninety days, cash preferred. Good title to land. C. F. Hawkins, Thornburg, Ark.

FOR SALE OR EXCHANGE.—Four-acre farm home located in Avoca, Ark., on public highway six miles north of Rogers; all land is fenced in, plenty of small fruit; eight-room plastered house and outbuildings in good condition. Would take small stock of merchandise as part payment. W. E. Polk, Avoca, Ark.

FOR EXCHANGE.—Would like to exchange 120 acres of land in Sharp county, two and one-half miles from Ravenden Springs, for 10 acres near a town. Old age and poor health is reason for selling. For further information, write J. F. Brandon, Ravenden Springs, Ark.

POULTRY, FRUIT AND BERRY FARM.—Seventy-five acres, located on main road four and one-half miles from Lincoln, a growing market town, three-fourths mile to school and store; 15 acres in cultivation, three in young bearing apples, lots of peaches, cherries, plums and strawberries; three-room stone house, unfinished inside, small barn, good well; telephone service; good title. On account of other interests will sell for \$800, cash. L. F. Shumate, Route 1, Lincoln, Ark.

STOCK AND GRAIN FARM.—152½ acres in northwest Arkansas, located 12 miles from Fayetteville, three and one-half miles from West Fork, near school, store and church; all land is fenced hog-tight and well improved; 100 acres tillable, balance in timber and pasture. Price \$8,000; terms. Owner, C. H. Thompson, Route 1, West Fork, Ark.

FOR SALE OR EXCHANGE.—Nice five-room dwelling with outbuildings, garden and fruit; one acre of fine land. Will sell at bargain price for cash or will exchange for other property or small farm. Danna L. Smith, Newburg, Ark.

RIDGE LAND TRACT.—124 acres of ridge land located in Carroll county, two miles from railroad station, near public school; fine for fruit and stock; seven acres of bearing apple trees, 500 grape vines, 50 acres of tame grass, 35 in pasture, plenty of water; house and barn on place. Will sell at bargain. L. J. Lawson, Green Forest, Ark.

HOTEL FOR SALE.—Twelve-room hotel building with two acres of land, good garden, poultry lot and cow pasture, nice maple shade trees and some fruit; large store room in back yard; splendid location between depot and main part of town. Price \$3,000, including furniture; terms if desired. H. E. Morton, Prairie Grove, Ark.

YELL COUNTY FARM.—Eighty acres of good land in healthful location and fine neighborhood; 70 acres cleared, all under fence except two and one-half acres; grove in front of house; one new four-room bungalow and one two-room house, barn and other outbuildings; pasture, family orchard, garden and hay meadow; convenient to school and church. Price \$1,400, easy terms on part. Mrs. C. P. Sadler, Route 1, Belleville, Ark.

TRUCK AND POULTRY FARM.—Twenty acres suitable for poultry and truck farm, located four and one-half miles from Siloam Springs, Ark., on good road; less than one mile from Illinois river; fine location for summer camp; three-room house in good repair, one-room log cabin; some fruit on place. Mrs. May B. Bell, 1134 S. Main St., Carthage, Mo.

SHARP COUNTY FARM.—Eighty acres of black limestone and sandy loam soil, 40 acres in cultivation, 15 acres in cotton, 15 in corn, 10 in hay, balance in pasture and timber, small orchard, good spring; five-room frame house, small barn and other outbuildings; located one-fourth mile from public highway, one mile to high school, church and town. Price \$2,000; terms on part to suit purchaser. Would take a good car as part payment. Will answer all inquiries. Mrs. M. F. Ashley, Cave City, Ark.

HEMPSTEAD COUNTY FARM.—160 acres in southern part of Hempstead county, located four miles from railroad station, one and one-half miles from church and school; 45 acres in cultivation, 15 in timber, small orchard, fine water; one four-room house and small barn. Price \$1,000. R. A. Johnson, Route 1, Patmos, Ark.

UNIMPROVED TRACT IN BAXTER COUNTY.—120 acres of unimproved land located in good community, 50 acres almost level and clear rock, some good timber, fine spring. Price \$600, cash. A. E. Wickersham, Advance, Ark.

SOUTHWEST ARKANSAS FARM.—160 acres of fertile soil of sandy nature, all level, no wasteland; soil is adapted to general farming, fruits and vegetables; 110 acres in cultivation, balance in timber; located on highway, near schools and churches, six and one-half miles from DeQueen. Good location for country store. Price, \$50 per acre. J. W. Turnage, Route 4, Box 70, DeQueen, Ark.

FARM ON WHITE RIVER.—132-acre tract located on White river in Marion county, ten miles from Flippin, nearest railroad station, one and one-half miles to school and church, mail delivered daily; 40 acres of good bottom land in high state of cultivation, balance timber land; four-room house, good barn and outbuildings, two good wells, fine clear spring. Must sell to settle debts. O. P. Rea, Flippin, Ark.

FORTY-ACRE FARM.—Forty acres of branch bottom and bench land located in Marion county; 12 acres fenced and in cultivation; three acres of cotton raised on place last year; two-room box house, outbuildings and well; one and one-half miles from Oakland school and postoffice. Price \$600. O. P. Rea, Flippin, Ark.

THREE FARM BARGAINS.—(1) Thirty-eight acres, most all under wire fence; six-room house with \$300 insurance; located one-fourth mile from postoffice, church, high school and railroad; twenty acres open land. Price \$800, with terms. (2) Sixty-acre tract, seven acres in cotton, 10 in corn, four in peas and corn; land is mostly level and under wire fence; four-room house and barn; one and one-fourth miles from school and church. Price \$600, \$300 cash, balance on terms. Will sell crop and stock at low price and give possession any time. (3) Sixty acres of mostly level land, under wire fence; eight acres in clover; six-room house and barn; three-fourths mile to school and church; can give immediate possession. Price \$600, half cash, terms on balance. F. A. Hartness, Collins, Ark.

FOUR TRACTS ON EASY TERMS.—(1) 160 acres, 30 acres in cultivation, part creek bottom and part upland, no hills, outside lines under woven hog wire fence; plenty of good timber and fruit; watered by cistern and springs; eight-room house, large barn and other buildings; located three miles from town and railroad. Much more of the land can be easily cultivated. Price \$3,500. (2) 169 acres located on good road five miles from county seat; 25 in cultivation, more can be cleared; watered by cistern and springs; upland timbered plateau, balance merchantable timber; plenty of fruit for family use; fences part woven wire, part rails; six-

room house and large barn, other outbuildings. Price \$2,500. (3) Eighty-acre tract, 12 acres cultivated, 15 acres creek-bottom land, balance timber; located four miles from town, one and one-half miles from school; no buildings on place. Price \$1,500. (4) Forty-acre farm located on a desirable site, the house standing on main traveled road; four miles from town; eight acres in cultivation, picket fenced garden; two-room frame house. Price \$400. Any of this land will be offered in forty-acre lots if desired. Old age is reason for selling. James Wilson, Box 14, Williford, Ark.

EIGHTY-ACRE FARM.—Located on highway one mile from Gillham; land is part creek-bottom; four-room house, barn, hog house and hen house on place; peach orchard and spring. Address, Box 16, Gillham, Ark.

HARDWOOD TIMBER LAND.—Large tract of hardwood timber land, located in Chicot county; will cut from 2,000 to 4,000 feet per acre. Price \$16 per acre including timber. G. W. Reavley, Box 174, Dumas, Ark.

ASHLEY COUNTY FARM.—Seventy-seven acres of clay loam soil, all under fence; modern six-room dwelling, ceiled, papered and painted; tool shed, potato house, poultry house and other outbuildings; located three miles from county seat, near good school and church; good community, all white people. Price \$27.50 per acre; terms on part at six per cent. Guy Duckworth, Hamburg, Ark.

FOR SALE OR TRADE.—Four hundred and ten acres of well improved land; 65 acres in fine bottom land, 20 in upland cleared, balance in good timber; located near county road, well watered, free range. J. H. Brandon, Box 214, Hardy, Ark.

IMPROVED FARM.—160 acres of good corn and cotton land, 80 in cultivation under good fence, balance in fine timber, part creek-bottom land, good meadow; four-room house, large barn and other buildings, all in good condition; located between two public highways. Price \$4,500, cash only; no trade considered. Will answer all inquiries. J. B. Smith, Smithville, Ark.

BOSTON MOUNTAIN FARM.—318 acres of fine fruit land, 75 acres in cultivation, five acres in bottom land, 60 in pasture, free range; fine for stock and poultry; healthful location, seven living springs on place; two sets of buildings; four miles from railroad, in splendid neighborhood. Price \$4,000. A. E. Osburn, Corley, Ark.

ATTRACTIVE SMALL HOME.—Located in Madison county near Huntsville, Ark.; 38 acres second bottom land, 20 in cultivation, good house and barn, flowing spring; oil well drilling within 10 miles. Will sell at real bargain as I am too old to handle it. Price \$1,500, terms to suit. W. C. Rice, Huntsville, Ark.

State Seed Laboratory Has Tested 1,439 Samples this Year

Since the opening of the State Seed Laboratory there has been tested 1,439 samples of seed collected from dealers by inspectors from the State Bureau of Mines, Manufactures and Agriculture and sent in by growers, buyers and others. These are as follows:

Cotton seed, unofficial samples.....711
Other seed, unofficial samples.....331
Official samples, all kinds.....397

State Seed Analyst Paul H. Millar estimates that the laboratory has rendered to citizens of the state free service in the testing of seeds which would have cost at regular commercial rates \$4,000.

Since January 1 the department has discovered 37 cases of incorrect labeling. Thirteen of these were cotton seed, mislabeled as regards germination. Five of seven samples taken from shipments of one Oklahoma firm were found to be mislabeled.

One lot of Sudan grass, sold by a South Missouri dealer and guaranteed 98 per cent pure was found to be approximately 50 per cent Sorghum seed. Many samples of Sudan grass contain sorghum seed.

Sorghum seed is on the whole very low in germination this season.

A REAL FARM HOME.—350 acres of fine land located in Nogo, Ark., "the home of the big red apple;" 175 acres in cultivation, 20 in meadow; three houses, two barns, three wells and three springs of pure water. For price and other information write, G. S. Pack, Nogo, Ark.

MADISON COUNTY FARM.—116 acres, 60 in bottom land; good improvements, on good road; price \$2,500. Federal Farm Loan of \$800 with 6 per cent interest, on long time, may be assumed by purchaser. Will trade for city property in northwest Arkansas or eastern Oklahoma. J. S. Jameson, Delancy, Ark.

NEWTON COUNTY LAND.—240 acres, mostly timber, fine white oak, a little red oak and some gum, will sell timber rights. Price reasonable. D. Y. Thomas, Fayetteville, Ark.

THIRTY-EIGHT ACRE TRACT.—Ten acres in cultivation, most all can be cultivated; conveniently located near post office, store, church and school; good buildings on place including a storm house; good garden and fruit. A splendid location for good country doctor as there is none within a radius of ten miles. Will sell at reasonable price; would prefer to sell to man with small family. L. B. Ramsey, Flag, Ark.

EIGHTY-ACRE TRACT.—This tract of land will sell for \$20 per acre, good locality. Write for further information. E. M. Jones, Route 1, Collins, Ark.

FRUIT AND BERRY FARM.—120 acres in Franklin county, one mile north of Cass; 20 acres in cultivation, more can be cultivated, 100 peach trees, some plums, apples and strawberries; plenty of timber; good three-room house, two springs. Will sell or trade. C. Marcum, Box 23, St. Paul, Ark.

WASHINGTON COUNTY FRUIT FARM.—Forty-two acres of fine fruit land, 18 acres in cultivation, two and one-half acres in grapes, three in strawberries and raspberries, three in orchard; three-room house and good barn, fine water, plenty of timber; convenient to church and school; located four miles from West Fork. Price \$1,150, including crop and tools. J. C. McDermott, West Fork, Ark.

GRAIN AND FRUIT FARM.—Seventy-one acres of land that will grow any grain or fruits that Benton county produces; two to three acres in good bearing orchard of apples, peaches, plums, cherries and blackberries; 20 or more acres can be cleared to cultivate, balance is rough pasture land; four-room house and good outbuildings including a granary; fine cold spring water on place. Located eight miles from good railroad and market town; rural telephone and mail route on two sides of land. Price \$1,800. Mrs. Sam W. Wooden, Route 4, Gravette, Ark.

A good many low germinating samples of cowpeas have also been received.

During the month of May it is expected that a good many samples of Sorghum, Sudan grass, millets, cowpeas, soy beans, velvet beans, corn and peanuts will be taken by the inspectors; no other seed will be tested this late in the season except on request. More samples of feterita, milo maize, kafir corn and broom corn are desired.

It is felt that the department has made a pretty good start in the enforcement of the seed law, considering that the new laboratory was not set up until after the first of the year. During the summer months the inspectors will make a special effort to acquaint all dealers in the state with the provisions of the law and by Fall it is expected that the regulations will be in full force and effect.

The State College of Agriculture and the Arkansas Seed Growers' Association has given valuable assistance to the department in working out the details of the law and in the operation of the seed testing laboratory in charge of Mr. Millar at Fayetteville.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK—FOR SALE.

Registered Poland China sow, Abel Morgan stock, eighteen months old, bred; price \$50 if taken soon. Would like to hear from persons having S. C. Black Minorca eggs for sale. Mrs. J. H. Palmer, Star Route, Siloam Springs, Ark.

Large registered Shorthorn herd bull to sell or exchange for bull of equal merit. W. L. Shipman, Viola, Ark.

Young Shropshire buck for sale. Joy A. Johnson, Mayfield, Ark.

Pure-bred American Toggenburg milk goats for sale at all times. Good does as low as \$25 each; finest pure-bred registered buck kids \$50 each; American Toggenburg buck kids from high producing dams, \$15 to \$25 each. Mrs. I. E. Ettien, Box 66, Wareagle, Ark.

One good two-year-old registered Jersey male, Tormentor and Blue Bell strains, for sale, \$75. G. W. Stroud, Green Forest, Ark.

Poland China hogs for sale: 15 gilts weighing from 145 to 165 pounds each, \$20 to \$25 each; 10 sow pigs, eight weeks old, \$5 to \$7.50 each; one two-year-old boar—Wonder, Crane & Orange breeding, \$75; five young brood sows, bred, \$25 to \$50 each. Registration papers furnished with boar and sows. Pedigrees filled out and furnished with gilts and pigs. R. I. Frost, Route 1, Levy, Ark., owner. J. W. Sargent, County Agent, Little Rock, Ark.

Seven purebred Oxford bucks, not registered, spring lambs weighing 60 pounds. Price \$12.50 each, f. o. b. H. B. Houston, Everton, Ark.

Purebred Duroc Jersey pigs, large and of choice type, either sex; \$10 each, f. o. b. Emmett Williams, Route 1, Box 10, Graysonia, Ark.

Two young registered Jersey cows, fresh, four-gallon milkers, price reasonable; also registered bulls of service age; price \$50 each, satisfaction guaranteed. W. Arthur Jones, Paragould, Ark.

Well bred young Angora ewes, \$4 each for quick sale. P. M. Gowens, Mountain View, Ark.

One saddle mare, smooth rider, good color, six years old, weight 900 pounds. J. L. Eley, Belton, Ark.

One three-fourths Shropshire buck three years old, sheared nine pounds of wool last season; also some graded ewes. J. L. Eley, Belton, Ark.

One of the best two-year-old Jersey bulls in the South. Gambage Knight—Tormentor breeding, none better. Nicely dehorned, safe and sure and a perfect beauty. Name, Ethel's Tormentor Gambage No. 230409. Price \$100, f. o. b. Hackett. L. W. Forbes, Hackett, Ark.

POULTRY FOR SALE.

Young cockerels hatched December 24, \$1 each. A few settings of Tigert Brahma eggs, \$1.50 a setting. Mrs. E. B. Welborn, Box 16, Gilham, Ark.

Purebred White Cornish eggs, prize winning stock, big bone, good layers; price 10 cents each postpaid. Will answer all inquiries. Fred A. Wood, Route 2, Neosho, Mo.

Egg-laying contest winning Anconas, eggs \$5 per 100; chicks, 15 cents each, prepaid. Keeler and Regal Dorcas white Wyandotte eggs and chicks, same price as Anconas. Mrs. Avery Allen, Macon, Mo.

White guinea eggs, \$2 per setting of 18 eggs. W. T. Anderson, R. 5, Rogers, Ark.

Purebred Single Comb Rhode Island roosters, one year old, \$2 each. Mrs. M. Donaldson, Route 6, Paragould, Ark.

Allen's active Anconas with three years enviable records in National egg-laying contest, eggs \$5 per 100; chicks 15 cents each or \$12.50 per 100. Mrs. Avery Allen, Macon, Mo.

Standard bred Rhode Island Reds, Early hatched cockerels, \$1.50 each. A few yearling hens, also some pullets at \$1.25 each. Eggs for balance of season, \$1 per setting. Mrs. I. E. Ettien, Box 66, Wareagle, Ark.

Silvered spangled Hamburgs, beautifully spotted and rose combs, eggs \$1.25 per 15 and \$5.50 per 100, prepaid by mail; also purebred Reds S. C. same price; a

few fancy bantams for sale. Geo. Edward Miller, Freedom, Okla.

Large red Corneaux pigeons, \$4 mated pair, three pairs for \$10; Fan-tail pigeons, \$4.75 per pair, three pairs for \$12.50; some fancy bantams for sale. Mrs. Mildred Miller, Freedom, Okla.

Columbian Wyandotte eggs from premium stock and heavy laying strain, \$1.50 for 15 or \$5 per 100; also breeding stock later. Mrs. T. W. Craven, Route 3, Box 71, Macon, Mo.

S. C. White English Leghorn cockerels, \$1.25 and \$1.50 each; eggs 75 cents per fifteen or \$3.50 per 100. Will have them for sale all through the season. D. C. Davis, Route 1, Pangburn, Ark.

Eggs from prize winners for hatching: Single Comb Brown Leghorns, silver spangled Hamburgs and Single Comb R. I. Reds, all blue ribbon winners. Price, postpaid, \$1.50 for 15, \$2.75 for 30, \$3.25 for 50, \$6.00 for 100. W. F. Sudmeyer, Route 1, London, Ark.

Stock and eggs, R. I. Reds, Barred Rocks, White Leghorns, Light Brahmas, \$1 per setting. Emile Roth, Williford, Ark.

PLANTS AND SEED.

Puerto Rican potato plants for sale. Write for prices. Mrs. M. L. Nichols, Route 1, Rockmart, Ga.

Write me for prices on burr clover seed, delivered in June or July. W. A. Daniels, Dermott, Ark.

Iowa Gold Mine seed corn, \$2.75 per bushel; Calhoun Red Cob seed corn, \$3.75 per bushel. Tennessee Clay peas, \$3.50 per bushel; Wannamaker Cleveland cotton seed, Toole's Prolific, Simpkin's Prolific and Tennessee Half and Half cotton seed, all \$7.50 per cwt. Amber and Orange Sorghum seed, \$5 per cwt. G. A. Stafford, Box 562, Alexandria, La.

Six hundred bushels of Morse Soy beans at \$2.50 per bushel, will germinate 98 per cent. John Ressel, Kelso, Mo.

Thibault Mexican June corn, pure, tests 95 per cent; nubbed and shelled, f. o. b., \$2.50 a bushel. A. Ballenbach, Lonoke, Ark.

MISCELLANEOUS.

One good as new Sharpe's separator, for sale or exchange. W. T. Anderson, Route 5, Rogers, Ark.

One 15-horsepower Faultless kerosene engine, twenty-inch mill rocks and all other equipment; in first class condition. R. A. Johnson, Route 1, Patmos, Ark.

Bird dog pups, five weeks old, one-fourth setters, three-fourths pointers, of good breeding; females, \$5; males, \$7.50. Arthur Foushee, Auvergne, Ark.

Modern machine shop for sale; contains engine band saw, rip saw and full set of blacksmith tools. Now doing over one thousand dollars' worth of work per year; could do more but am unable to handle it. E. M. Fowler, Collins, Ark.

Wanted to exchange for typewriter or registered Jersey bull calf, one purebred liver-spotted bitch, two years old, well trained, worth \$40. Exchange item must be of equal value. W. P. Moran, Route 1, Box 50, Dumas, Ark.

One good sawmill with sixty-horse-power boiler, thirty-five horse-power Lee engine, No. 3 American saw rig, good belts and pulleys, 56-inch saw, three wagons, in good repair, with all necessary equipment, everything in good shape. If interested, write J. R. Stivers, Enola, Ark.

Mrs. Lora Walker, Dabney, Ark., a widow with two sons, wants a nice place to stay where she can do housework and her boys can work or attend school.

Anyone wishing a good location for a sawmill, write Geo. W. Lugenbeel, Mountain View, Ark. Pine, oak and hickory timber, plenty of water, good land to log on; can be handled with trucks.

Wanted—Peas and cane seed. R. H. Toll, Tollville, Ark.

Ear corn shucked, for sale in ear lots, ninety cents per bushel, f. o. b. LaRue, Ill. Wm. Byrd, Cape County Milling Co., Jackson, Mo.

Spend the heated term in the cool Ozarks, pure spring water, no malaria, no mosquitoes, plenty of fresh eggs, fried chicken,

Jersey cream. Limited number of boarders accommodated at \$1 per day. Plain country home one-half mile from Womble, Ark., 150 yards from beautiful Caddo river. Hill Crest Cabin, Box 235, Womble, Ark.

Registered Airedales, \$5 up; also bull terrier, eight months old, \$5. Buford L. Bryan, Meadow View Farm, Willow Springs, Mo.

Wanted—Blue Flag root, highest cash prices paid, mail us sample before shipping, write for our complete price list and instructions for gathering. Southwestern Crude Drug Co., Inc., Bristol, Va.

Registered pointers and Pekinese dogs for sale. Clarence T. Barbee, 3518 Asher Ave., Little Rock, Ark.

Wanted—One bushel of old-fashioned White Nansman sweet potatoes for seed E. P. Woods, Route 3, Bentonville, Ark.

Black and tan hunting hounds, trained, \$20; puppies, \$5. Walter Meeks, Box 12, New Hope, Ark.

Wanted—To lease for three or five years, from 100 to 160 acres of land in Benton, Carroll, Boone or Marion counties. Must be within four to eight miles from railroad. Would take a place in run-down condition if there is a house on it. Will take possession as soon as crops are hid by. F. W. Warner, Harrison, Ark.

New Zealand Red rabbits for sale, fine pets for boys, pure bred; one buck and two does for reasonable price. Can make shipment at once. Henry and Edwin Sudmeyer, Route 1, London, Ark.

Spanish-American war rifle to trade for violin or will sell cheap. Kenneth Olive, Brentwood, Ark.

Team, wagon and horses to exchange for good car; also rifle and shotgun. E. A. Poole, Box 3, Brentwood, Ark.

Wanted to exchange pointer bird dog for high-power rifle. A. L. Keith, Galena, Ark.

ARKANSAS WILL HAVE A STATE FAIR.

Little Rock oversubscribed to a fund of \$250,000 for the building of a permanent State Fair.

The state outside of Little Rock is raising an additional \$50,000, and many of the counties have raised more than their quota.

The State Fair will occupy a tract of land in the western part of Little Rock, recently purchased by the city for park purposes at a cost of about \$300,000.

This means that there will be invested in the Fair at the outset more than half a million dollars.

Such enterprise and liberality should insure the success of the Fair. Congratulations to Mayor Brickhouse and Manager Bylander.

Homeseekers Who Want to Buy Arkansas Farms

T. E. Davis, Mulberry Grove, Ill., is greatly impressed with the possibilities of Arkansas after a recent visit in the southern section and asks for our literature.

Jessie L. Trammell, Box 545 Sand Springs, Okla., asks for literature concerning homestead land in Arkansas. He prefers the Ozarks with enough tillable land for crops and orchards.

C. B. Craig, 3028 Gillham St., Kansas City, Mo., is thinking of locating in Arkansas and requests literature and information.

O. E. Rayburn, Reeds Spring, Mo., wishes to buy a farm in the Ozarks. He is especially interested in the land around Eureka Springs and Berryville.

O. Hardenbrook, Route 2, Bothell, Wash., is interested in the land around Boone and Newton counties, especially near the Buffalo river. He wishes land that is suitable for grazing sheep, growing clover in the hills and that has an abundant supply of spring water.

E. L. Frost, Harrodsburg, Ky., is interested in government homestead land in the Ozarks of Arkansas and requests information concerning health conditions, soil fertility and water.

G. W. Bishop, Lothair, Mont., requests information concerning a good location for poultry and a dairy. He desires a good neighborhood and healthful locality.

TOWN OF WILSON FIRST IN ARKANSAS TO HOLD COUNTY EGG SHOW.

Sixty poultry raisers of Mississippi county competed in the annual egg show conducted at Wilson, Ark., on May 9, under the supervision of F. T. Mitchell, head of the Agricultural Department of the Wilson school and Smith-Hughes worker, assisted by the local farm demonstration organization. This is the first county egg show held in Arkansas.

The prize winners in each class were as follows: Class A, Brown Eggs—David Deal, 1st place; Cornelius Poole, 2nd place. White Eggs—Riley Blake, 1st place; Milton Shelby, 2nd place. Class B, Brown Eggs—Cora May Goldston, 1st place; Howard Frazier, 2nd place. White Eggs, Martha Shelby, 1st place; Emily Tompkins, 2nd place. Class C, Brown Eggs—Dr. R. L. Johnson, 1st place; E. S. Thompson, 2nd place. White Eggs—Mrs. Ben Flannagan, 1st place; John Kizer, 2nd place. Sweepstakes—Dr. R. L. Johnson, department, was the judge and many were 1st; Mrs. Ben Flannagan, 2nd.

Miss Sallie Chamberlin of the extension the compliments of her work. Miss Coleman, county home agent, and Miss Ollie Johnson of the Wilson Home Economic school gave a demonstration in the use of egg preservatives, which was interesting and instructive. Mr. Carpenter and Mr. Whitaker gave a three-reel picture show on the subject of poultry.

EXAMPLE FOR ARKANSAS IN DAIRYING EXPERIMENTS OF WISCONSIN.

Leonard W. Northcott, Route 3, Batesville, Ark., has had his local paper republish an article from the Wisconsin Magazine showing what the dairying industry has done for the farmers of Wisconsin. Mr. Northcott formerly lived in Wisconsin and he says that everything that Wisconsin has done can be duplicated in Arkansas twice over because Arkansas has a summer pasturing season twice as long and a winter feeding season twice as short, with the added advantage of being able to grow a greater variety of feedstuffs on land that is equally as good, with values and taxation 75 per cent lower, while the Arkansas dairy products bring exactly the same prices on the general market.

"I would advise placing the information and facts before the people of Arkansas," says Mr. Northcott. "It will awaken them to what a good thing dairying will be, and to become acquainted with it in a practical way."

G. M. Dunaway, 2523 E. 7th St., Tulsa, Okla., wants to trade his residence property in that city for a well improved farm in the extreme northwest section of Arkansas.

Leo Wade, Haworth, Okla., has requested literature on Arkansas.

M. L. Hoyt, Box 77, Big Horn, Wyo., is interested as a home-seeker and investor in Arkansas.

L. W. Garrett, 220 Indiana St., Neodesha, Kan., wants a small farm or country store in northwest Arkansas. Would like to exchange clear rental property near St. Louis, value \$2,000; also \$3,000 equity in eight-room house in city named.

John F. Rowland, Glendo, Wyo., has written for literature about Arkansas, stating that several families at that place intend to move South this fall. They are especially interested in stock raising.

"I am looking for a site to locate a training school where the student body can work their way through school, without any expense," writes M. C. Bish, 840 North Washington St., Marion, Ind. He thinks this can be accomplished if they locate in a place where the soil is fertile.

Mrs. B. L. Seals, Route 1, care Hassenpflug, Valley View, Texas, requests information about homestead lands.

S. J. Simpson, Polkton, N. C., has received literature about Arkansas.

ARKANSAS FARM AND MARKETING BULLETIN

OCT 7 1924
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UNIVERSITY OF ARKANSAS
BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 10, NO. 7.

LITTLE ROCK, ARKANSAS

JULY, 1924.

Some Comparisons of Expenditures in State Departments— Who Has Really Saved the People's Money?

BY JIM G. FERGUSON, Commissioner
Mines, Manufactures and Agriculture

LIKE everything else that is alive and progressive in Arkansas, the State Bureau of Mines, Manufactures and Agriculture has grown from a little three-desk office down in the old State House to one of the most active and useful departments of the State Government and every additional duty that has been put upon it was proposed and sanctioned by the people of Arkansas—the fertilizer inspection service, the feed inspection service, the marketing bureau, the gin regulation work, the crop reporting service, the seed inspection service, the publicity work and various co-operative undertakings with the United States Government, all of which are for the protection and benefit of the farming industry of the State.

Yet the politicians and office seekers are attacking the work and are attempting to make it appear that the State could run the Department for the same money that it did thirty years ago when there were only three people in the office and the Commissioner's only duty was to maintain an exhibit, entertain visitors and answer a few letters each day. These men who are trying to destroy the farmers' department know that it would not reduce taxes one cent if every branch of the work was stopped because it is sustained by special license fees and not by a property tax.

What would these critics have the State abolish? The fertilizer inspection, and permit the State to be flooded with inferior material, resulting in losses of millions of dollars to the farmers? Not a cent of the expense for inspecting fertilizer comes out of the property tax. It is paid entirely by the fertilizer tax collected from those who buy fertilizer.

Would these politicians abolish the inspection of feed and throw the doors open for the importation of adulterated feed-stuffs and the mill waste which no other state will have? The inspection of feed is paid for out of the feed tax which is paid only by the people who buy feed and who asked for and want this inspection. This money could not be used for any other purpose.

Would they stop the work that is going on to prevent the introduction in the State of plant pests? Would they deny the farmer the right to make the seed dealer tag his seed so that he will know what he

is buying? Would they stop the gathering of statistics about crops, which help the farmer to arrange his planting schedules so that he will not over-produce? Would they withdraw the little help that Arkansas is giving to the farmer in the marketing of his crops, stop the publication of bulletins and other matter that serve as mediums for the exchange of market information?

These politicians who are seeking to throw sand in the eyes of honest people and blind them to the facts about a great department of the State Government that is trying to do something worth while for

Arkansas Publicity Expense Compared With That of Other States

Several candidates for the dignified office of Governor of Arkansas have attacked the State Bureau of Mines, Manufactures and Agriculture for undertaking to advertise the resources of the state by the publication of such literature as "Facts About Arkansas," "The Arkansas Handbook," "Minerals in Arkansas," "Arkansas Industries" and "Playgrounds in Arkansas," pointing to the Department's printing and stationery bill—for all purposes for a two-year period—of \$60,000—as an example of extravagance and waste of the people's money.

Below there is given a list of appropriations made for advertising purposes of various city and state governments. Arkansas has not spent as much for advertising during the whole administration of Jim G. Ferguson as the city of Tucson, Ariz., will spend this year.

City of Denver.....	\$150,000
State of California.....	600,000
Salt Lake City.....	75,000
State of Georgia.....	50,000
State of Florida.....	250,000
City of El Paso, Texas.....	150,000
City of Portland, Oregon.....	310,000
City of Tucson, Ariz.....	50,000

The Department has received hundreds of letters from citizens of Arkansas commending the publicity that has been given to the state through these various publications and this is ample evidence that the money has been a good investment.

These politicians who are busy trying to tear down the farmers' department do not tell the people that the appropriation for the present bi-ennial of the State Highway Department, which they do not criticize, is five times more than the whole expense of the Bureau of Mines, Manufactures and Agriculture from its creation in 1889 to the end of the present bi-ennial period, July 1, 1925.

Figure out what it costs per day to operate the present up-to-date Bureau of Mines, Manufactures and Agriculture, and what returns the people get for this money. Then figure up what it costs per day to keep up the State Highway Department with its army of clerks, stenographers, engineers, automobile drivers, highway police and hangers-on, and consider what the people are getting for that money.

There is plenty of opportunity to retrench, to cut down government expense and to abolish soft jobs around the State House without tearing down what the farmers of Arkansas have been years building up and for which they are paying out of their own pockets without any burden upon the tax budget.

The difference between the amount of money expended by the Bureau of Mines, Manufactures and Agriculture and the amount earned for the 16-month period from January 1, 1923, to April 30, 1924, was only \$22,821.08, as the records will show. The expenditures of the State Highway Department is about \$8,500 a day. Not one of these candidates has told the people that the Agricultural Department has only 23 employees while the State Highway Department has 4,000.

The Bureau of Mines, Manufactures and Agriculture took in during the 16-month period above referred to the sum of \$161,157.57 of which \$89,927.37 came from the collection of feed tax, \$52,858.10 from the fertilizer tax, and \$18,372.10 from the gin tax. Expenditures for the same period are itemized as follows: For the operation of the bureau, \$31,957.90; for feed inspection work, \$65,502.43; for fertilizer inspection, \$43,524.21; for the warehouse and marketing bureau, \$23,058.60; for the bureau of crop estimates and immigration, \$15,919.39, and for seed inspection expense, \$4,016.12.

the farmers of Arkansas, do not tell the people that Jim G. Ferguson has turned back into the State Treasury since he has been Commissioner, \$75,000, that was appropriated for his work and which he could have spent, but which he saved by the practice of economy in his department. They do not tell the people of Arkansas that the appropriations for this bureau for the last two years was \$77,450 less than it was for the two years immediately preceding, notwithstanding that \$9,000 of the appropriation made was for a new branch of work, the State Seed Laboratory.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



HOW COTTON IS DAMAGED IN THE FIELD.

The grade of cotton is governed to a large extent by weather conditions in the period intervening between the opening of the bolls and the time of picking. Low grades are produced, however, even under favorable weather conditions, by deferred or careless picking, improper ginning, or exposure of the seed cotton to excessive moisture before ginning.

Under average conditions of handling, cotton picked early in the fall before frost and while the leaves of the plant are green should be white or light creamy white, bright in color, and comparatively free of leaf. Cotton which opens before frost but is picked after frost may be white but leafy, since the foliage of the cotton plant is killed by freezing temperatures and becomes brittle so quickly that broken particles adhere to the locks when they are gathered.

Bolls which are opened by frost usually yield a lint with a yellow tinge or stain, though if left unpicked in the field in clear weather discoloration of this kind may be somewhat bleached out by strong sunlight. On the other hand, bolls that are left open in the field for a long time tend to lose their luster and to become dull or gray or even bluish from fungus growth induced by continued exposure to rain and dust. In some sections cotton grown on red land takes on a reddish stain from the action of dust and rain. In a normal season several pickings are generally made successively in the same fields, and as the weather conditions between these pickings may vary it usually happens that a considerable number of grades can be found in the crop of a single field.

WATERS AND MARTIN WILL SPEAK AT SHORT COURSE.

Among the speakers on the Farmers' Week program at Fayetteville, August 5, 6, 7 and 8, will be Prof. O. B. Martin of the U. S. Department of Agriculture, Washington, D. C., and Dr. H. J. Waters, editor of the Kansas City Weekly Star and former dean of the Agricultural Colleges of both Missouri and Kansas. Both men are well known in Arkansas and every farmer who can go to Fayetteville in August will want to hear them and other speakers who will take part.

A feature of special interest to women will be the demonstration in sewing by Miss Irene Cliggett, specialist in sewing machine operation.

All of the faculty of the College of Agriculture will assist Dean Dan T. Gray in making this summer short course for farmers one of the best that has yet been held. There will be practical demonstrations in the handling of dairy cattle, swine, horses and poultry and visitors will have an opportunity to see some of the record-making cattle and chickens about which they have heard and read so much.

Visits will be paid to the Experimental

farm, where all kinds of crops known to the soils of Arkansas are grown under almost every conceivable condition.

There will be radio programs, moving pictures, lectures and musical features, and at the conclusion of the meeting the citizens of Fayetteville will serve an old-fashioned barbecue.

Preparations are being made to care for an increased number of automobile parties, as many farmers are indicating their intention of coming in cars. Parking accommodations will be provided convenient to the University grounds. The dormitories will be made use of as far as possible and the hotels and boarding houses are arranging to take care of a big crowd.

FERTILIZER SHIPMENTS HEAVIER THIS YEAR.

Farmers are using more fertilizer this year than they did in 1923, according to reports of the Fertilizer Inspection Division. The shippers' by months up to May 1 were as follows, this season and last season:

Month	Tons Shipped	
	This Season	Last Season
October	10.00	100.70
November	15.00	227.35
December	30.00	340.00
January	3,887.80	5,226.30
February	18,160.65	9,391.80
March	34,518.40	27,866.85
April	24,717.70	25,739.70
	81,339.55	68,892.70

More high grade fertilizer is being bought by Arkansas farmers than at any other time in the history of the industry, the sale of low grade material falling off proportionately.

BEST CUSTOMERS OF BANKS ARE THE FARMERS.

Bank Commissioner McGee reports that 312 state banks and 35 national banks in Arkansas have outstanding 130,381 loans, of which 85,493 were made to farmers, truck growers and stock raisers.

Sixty-five per cent of the total number of loans in Arkansas are made to farmers. The total amount of all loans is \$69,976,457 and of this amount \$31,119,489, or 44 per cent, are made for agricultural purposes.

HOW TO MAKE POISON THAT WILL KILL TREES.

Commissioner Ferguson:

Please publish in *The Bulletin* the formula for making a poison that will kill trees.

READERS.

Take one pound of powdered white arsenic, two pounds salsoda, two gallons water. Heat water to boiling point and add salsoda, which will readily dissolve in boiling water, after which add arsenic slowly and stir while water continues to boil for ten minutes, or until arsenic is thoroughly dissolved, which completes the mixture ready for use. Do not inhale the vapor from the boiling solution, as it is

poison. When this preparation is cool it may be kept in jugs or tight lid buckets indefinitely for future use. The mixture is a deadly poison.

Application is made by girdling the tree by chopping it well through the bark and immediately pouring the poison solution into the gash. Use an oil can or some spouted vessel for convenience and avoid waste of solution. Enough solution to fill the ax gash or to thoroughly saturate the entire girdle is sufficient to kill the tree within a few days or as soon as the sap has time to flow from the point of application to foliage of tree. Use in spring or early summer.

This method of deadening timber may be used to kill trees at small cost on newly cleared lands, creek banks or other useless growth that shades and damages crops on the farms. The poisoned timber decays more rapidly than when deadened by use of ax only, and as the girdle is not "blocked" or cut heart deep the trees stand until decayed, which materially reduces the number of fallen trees on growing crops the first year.

Arsenic is a deadly poison to man or beast, as well as to plants, and must be handled with the greatest of care. Do not use the arsenic solution on trees in pastures or allow cattle and other live stock to eat leaves from poisoned trees.

RAZORBACK IS A CONDITION NOT A BREED OF HOGS.

In 1920 the Arkansas Experiment Station purchased two two-year-old "razorback" sows, weighing 72 and 85 pounds, respectively. They were good "razorbacks" but mighty poor looking hogs. These sows were bred to purebred boars and produced pigs of good type and splendid feeding qualities. When sold, one of the sows weighed 210 pounds and the other 315 pounds.

This experiment shows that the so-called "razorback" is a condition and not a breed in Arkansas, that it will respond to good care and sufficient feed about as well as improved stock.

When the time comes in Arkansas that sows are not allowed to take their litters out on the range (possibly to be re-bred to one of their own pigs), when boars of one breed are continuously used, and when more attention is given to proper feeding of pigs and fattening shoters, the "razorback" type will disappear from the state. —Arkansas Extension Co-operator.

FARMS FOR SALE

FARM NEAR FAYETTEVILLE—122 acres, school house on farm, church, fruit, seven-room house, barn and other outbuildings, springs, on highway. Mrs. Louise Collins, Route 1, Box 56, Fayetteville, Ark.

IDEAL STOCK FARM—Eighty acres suitable for stock raising; located on free range, two miles from small town; 30 acres in cultivation, balance in pasture and timber; land is well improved. House, barn and other outbuildings; orchard and two good springs. Price \$800 with terms. Mitchell Heffley, Mt. Judea, Ark.

FORTY-ACRE FARM—Located in Little River county at Ashdown, one and one-fourth miles from courthouse; all land is fenced and partly cleared; two-room house, barn, well, hog house. Price, \$1,200, including tools. L. E. Winslow, Ashdown, Ark.

FARM, IMPLEMENTS AND STOCK—Fifty-acre farm located in good neighborhood, five miles from Rison; 40 acres under wire fence, 15 in cultivation, eight acres in corn, three in sorghum, peanuts and potatoes; small house, barn, garden and fruit trees, good watermelon patch; will include two mules, six and seven years old, two milk cows and calves and a few plow tools. Will take \$1,000 and give possession at once. C. H. Harper, Route 1, Box 13A, Rison, Ark.

BAXTER COUNTY FARM—Forty-acre farm, conveniently located near post-office, store and school; twenty acres cleared, fenced and in cultivation; three-room box house; 12 head of cattle and one horse included. Price \$700; can give possession at once. R. S. Merrell, Advance, Ark.

TREAT ALFALFA RIGHT AND CROP WILL RETURN A PROFIT.

M. M. Rutherford of Independence county, is probably the best informed man, from the standpoint of personal experience, on the growing of alfalfa in Arkansas. He has been growing alfalfa in the White river bottoms for a great many years and has no thought of abandoning the crop or reducing his acreage.

Mr. Rutherford says that alfalfa will not thrive unless the meadows are renewed at least once every four years. He practices a system which allows for the rotation of alfalfa, wheat, oats, corn and cotton in the order named. All of these crops show larger yields as a result of the rotation. Alfalfa puts lots of nitrogen in the soil and this nitrogen is needed by the three grain crops that immediately follow. Cotton does not need nitrogen is the reason it is put last in the order of rotation.

Mr. Rutherford plants his alfalfa always in the fall. He begins preparing the land soon as the wheat and oats are off in the spring, sometimes hauling the grain off before threshing in order to clear the ground. If the ground is wet he breaks it thoroughly; if it is dry he discs it about three inches deep and gives the seed bed a thorough preparation previous to planting in September.

Most of the failures with alfalfa, Mr. Rutherford thinks, are due to the planting of poor seed. Good seed are absolutely essential to the establishment of a good stand. Mr. Rutherford uses from 15 to 20 pounds of seed per acre.

Alfalfa sowed in September gets a good growth and yields a good crop the following year. The hay is not quite so heavy but it is of splendid quality. Four cuttings the following season are not uncommon.

Under this plan the grower does not miss a crop. The alfalfa is planted after wheat or oats when it is put on the land and wheat or oats are planted after the alfalfa is taken off.

Alfalfa is a profitable crop if the grower does not have to renew his meadows oftener than once in four years. Most of the failures that have been met with in the growing of alfalfa have been due to poor seed, wet weather and the practice of trying to prolong the age of the meadows. In Independence county, Mr. Rutherford says, alfalfa has not been bothered with any kind of pest or disease.

FRUIT FARM—160 acres. Write for further information. M. E. Cleveland, Rudy, Ark.

UPLAND FRUIT FARM—Thirty-five acres, located in Washington county, all is under woven wire fence, 20 acres in cultivation, family orchard of peaches, plums and apples, this is the best fruit land in the country; house and barn on place. Would take car as part payment, terms on balance. Lee Stonesifer, Hazel Valley, Ark.

FIRST CLASS DAIRY FARM—Will sell or exchange for smaller farm this splendid farm which is well improved and conveniently located. Thirty-five acres in bottom land, 94 upland; 90 in grass and clover, 12 in corn, good family orchard of various fruits; all necessary buildings on place, water piped to house and lot from everlasting spring; located on Jefferson Highway two and one-half miles from Green Forest. Price \$70 per acre, one-half cash, balance on time. G. W. Stroud, Green Forest, Ark.

BEAR SPRING FARM—Located three and one-half miles from Gravette, 40 acres in cultivation, balance in timber; dwelling and other buildings are in need of repair, plenty of saw timber for the work; large spring on place. Price \$30 per acre. J. C. Cary, Gravette, Ark.

FARM HOME AND TOWN PROPERTY—(1) Ten acres of land near McRae; four and one-half acres in strawberries; six-room bungalow with well on back porch; good barn, camp house and poultry house all new; I am crippled and unable to farm is reason for selling. Can give possession at once. (2) Four-room house with barn and fine garden, located

in McRae; would trade for stock of merchandise of equal value. Price \$1,000. J. W. Osborn, McRae, Ark.

YELL COUNTY BARGAIN—180 acres, located one and one-half miles from Havana, Yell county. Good quality of soil producing fine crops of corn, hay and all farm products; three sets of houses, large barn, good fences, mail route, fine water, good roads, one-half mile from school, best of neighbors. This is a high grade farm, located in one of the best sections of the state and at my low price of \$6,000 on terms, 140 acres tillable, 40 in timber. A splendid opportunity to acquire a good farm home and profitable investment. M. L. Osborn, Route 2, Blue Mountain, Ark.

FARM BARGAIN FOR QUICK SALE—Quarter section cut-over timber land in Stone county, located three and one-half miles from White River, two miles from postoffice; gravelly soil, one-half tillable, balance in good pasture land. Will sell at bargain if sold at once. William E. Puckett, St. James, Ark.

VAN BUREN COUNTY FARM—Fifty-five acres, all in cultivation, 40 acres under fence, good pasture under fence; good house, barn, garden and orchard; splendid for stock raising. For quick sale will sell cheap for cash or half cash and terms on balance. Geo. F. White, Bee Branch, Ark.

LOGAN COUNTY FARM—Forty-two acres, 34 in cultivation, eight in timber and pasture, fine garden, hog-proof fence; good three-room house, barn, two good wells that never go dry, young orchard; a convenient and healthful location in splendid neighborhood; near school and church, on mail route. Will sell on easy payments. Joel Hall, Route 1, Blue Mountain, Ark.

FORTY-ACRE FARM—Eighteen acres in cultivation, good young orchard; located one mile from school and church, three miles from town; good house, barn and smokehouse on place. Price reasonable, terms easy, clear title. H. S. Davis, Box 11, St. Paul, Ark.

NORTH ARKANSAS FARM—Located near good railroad town and convenient to good school and church; 50 acres in cultivation, balance in good hardwood timber, pasture; 500 bearing fruit trees under fence; three good springs, average improvements. Price \$3,500, terms on part, or will trade. Abstract title. Other business interests is reason for selling. B. H. Holmes, Leslie, Ark.

FRUIT, BERRY AND CLOVER FARM—Forty-five acres of land adapted to fruit, grapes, berries, clover and corn; some timber; located four miles from St. Paul, one of the best towns in Madison county; state highway being arranged for; some improvements on place, fine everlasting spring, healthful location. Reasonably priced. D. I. Finch, St. Paul, Ark.

THREE-HUNDRED ACRE TIMBER TRACT—Located in Searcy county within two miles of Marshall, is this fine tract of timber land, which will sell for \$5 per acre, all upland and lies level to rolling; it has white oak, hickory, walnut, black oak, locust and some pine, wild cherry and mulberry. Good spring water on place. Good title. A blind husband and need of money is reason for selling. Mrs. Mary Sheeran, Witt Springs, Ark.

FOR SALE OR EXCHANGE—Sixty-four acres of land located in southwest corner of Newton county; 13 acres in cultivation, four acres in tame grass, 35 acres fenced; five-room house, large store building, barn and other outbuildings, all buildings are new and fences are in good repair; good well and ever living springs; situated on main road near good trading point, near school, church and mill. Fine orchard on place. What have you to trade? I. E. Hawley, Fallsville, Ark.

PIKE COUNTY FARM—Ninety acres, 30 in cultivation, most all fenced; five-room house, barn, well in yard, good spring and fine stock range; price \$200. J. M. Putman, Caddo Gap, Ark.

FRUIT FARM—Eighty acres of improved fruit land located within four miles of the Welch Grape Juice plant; three and one-half acres in grapes, 30 acres in apples, four in strawberries, 15 acres in cultivating land, eight in tame pasture, rest in pasture and timber; four-room house and outbuildings; only one and one-half miles from school and churches. Write for terms. Geo. Graham, Route 2, Springdale, Ark.

TWO FARM BARGAINS—(1) Good

truck and poultry farm adjoining town; five-room house with pantry, porch on rear and front, chicken coop and cow barn, nice shade trees; improvements are worth more than the price, \$900; terms if desired. (2) Twenty acres adjoining town, all in cultivation; two-room house, barn and outbuildings. This is only \$1,600. Mrs. Miller, Box 72, Beebe, Ark.

FARM NEAR PEA RIDGE—Fifty-five acres of improved land for sale or will exchange for small improved place in northeast Texas. Fourteen acres bearing apple orchard, 40 acres in cultivation, some timber; five-room house, all kinds of outbuildings; located three and one-half miles from railroad, one and one-half miles to town. Address, Box 45, R. F. D. 4, Rogers, Ark.

IZARD COUNTY FARM—Four hundred acres located one mile from Batesville and Mammoth Spring highway now under construction; land is fine for fruit, clover and stock; timber is estimated at 25,000 cross ties, 50,000 board feet of lumber; 100 acres cleared, three sets of buildings. Will sell cheap. T. M. Chapell, Mt. Pleasant, Ark.

CROSS COUNTY LAND—Eighty-acre timber tract located one mile from railroad; can be enough cross-ties made on land to pay for place; all tillable, excellent location for dairy farm. Will sell or exchange for stock of groceries. Price \$1,250, \$500 cash, balance on 5 or 10 years' time. Floyd a Camp, Tilton, Ark.

FOR SALE OR EXCHANGE—Eighty-six acres of land in Madison county, located six miles from Huntsville; 14 acres cleared and fenced, balance timber, 150 peach trees, some apples and cherries; house and barn on place. W. H. Hundley, Route 1, Box 24, Wesley, Ark.

FARM NEAR LITTLE ROCK—Eighty acres fine farm land, 16 miles south of Little Rock; one mile of railroad station, on public road; good schools, fine water, healthy location; new house; 60 acres under fence, gas and electric line across the place. Price \$1,700 on terms. D. F. Walden, Bryant, Ark.

MADISON COUNTY FARM—167 acres, 100 in cultivation, 20 in pasture, balance in timber, 300 apple trees and lots of peaches; 30 of the 100 acres in meadow producing 1,000 bales of hay annually; good well and springs; four-room bungalow, tenant house and good barns. Price \$4,000 if taken soon, or would consider trade. W. M. Boyd, Wesley, Ark.

FARM IN PETIT JEAN VALLEY—339 acres located in the Petit Jean valley in Yell county near junction with Arkansas river; 185 acres in strictly bottom land and in cultivation; 85 acres along a ridge is open land, partly in pasture, rest timber land; fine cotton land or for small grain and hay; six houses, three barns, three wells of good water; garage and other outbuildings; only one and one-fourth miles from school; no special taxes. M. Harrison, Route 3, Dardanelle, Ark.

VIRGIN TIMBER TRACT—160 acres located in Newton county; 80 to 100 acres of this land is level; white oak timber will more than pay one-third of price asked for it; located five miles south from Jasper on Jefferson highway. Will sell or trade for small place near railroad town. S. H. Meek, Jasper, Ark.

EIGHTY-ACRE FARM—Twenty acres in cultivation, balance in pasture and timber, good orchard, two springs, three-room house, barn, poultry house and smokehouse; one-half mile from school and postoffice. Price \$500. Elmer Hefley, Mt. Judea, Ark.

TWO FARMS IN RICE BELT—(1) 160 acres hot'orn land; 120 in cultivation; four houses, barn, water, pasture, orchard, soil suitable for anything; located on Cotton Belt between Stuttgart and Pine Bluff, near school and churches, will sell for less than half, \$40 an acre. (2) 100 acres, two and one-half miles from town, bottom land, 90 acres in cultivation, fresh land, second crop, pastures, three houses, barns, water, free range, \$37.50 an acre; terms. Will sell for cash or trade for a smaller farm and take difference in payments. A 40 or 60-acre farm preferred. M. M. Bryant, Humphrey, Ark.

MADISON COUNTY FARM—121 acres of branch bottom and bench land located three-fourths of a mile from Kingston; 90 acres fenced; two sets of houses, one three-room and one two-room house,

harn and other outbuildings, well and springs. Price \$25 per acre. W. A. Johnson, Kingston, Ark.

FOR SALE OR TRADE—Eighty acres of improved fruit land in Benton county; thirty acres bearing orchard, strawberries, grapes, peaches, etc.; six acres in timber land, balance farm land; two houses and good water; one mile from postoffice and stores. C. P. Rummel, Box 1, Healing Springs, Ark.

FOR SALE OR TRADE—Ninety acres of good, improved land, four and one-half miles from Cove; good free range, price \$1,400. G. R. Downing, Cove, Ark.

FORTY-ACRE FARM NEAR CONWAY—Forty acres of good land located three miles southwest of Conway, land is nearly level, no rock, fenced hog-proof; 15 acres in meadow, all has been cultivated and can still be if desired; 17 or 18 acres now in cultivation, some timber, orchard, pasture, etc.; three-room house, small barn, good well. Will sell for \$25 per acre if taken soon; \$400 down and terms on balance to suit purchaser. This is a good investment for the meadow alone will pay for place in two years if properly cared for. W. K. Rhodes, Gen. Del., Conway, Ark.

FRUIT, TRUCK AND POULTRY TRACTS—(1) Twelve acres located in small railroad town; all in cultivation, small orchard, good wells, large barn, frame dwelling, screened summer house, good chicken houses, cemented cellar, price \$1,800. (2) Five acres right in town, all improved, four-room bungalow and outbuildings, fine chicken ranch. Price \$750. (3) 160 acres, 30 in rich bottom land, 30 in hill land, both in cultivation, five-room house and other buildings, orchard, running water, good timber, conveniently located. Price \$3,700, part terms at 6 per cent. (4) Three residence lots, one unimproved block, four-room house, garage, barn and chicken house, located in thriving town. Price \$1,000. W. A. Beckett, Gillham, Ark.

POULTRY AND DAIRY FARM—Sixteen acres, located 14 miles from Little Rock in the edge of the town of Alexander, on the Missouri Pacific railroad, only three blocks from depot; one mile from Little Rock-Hot Springs highway; live-room house, small outbuildings, everlasting well of fine water, good pasture including five acres of Bermuda; all under fence; virgin timber worth nearly \$800, consisting of pine, white oak and cedar. Three churches and high school in town. Price \$2,000. Dr. W. W. Ward, Alexander, Ark.

LARGE ARKANSAS FARM—1,524 acres in Polk county, only three miles from Hatfield R. R. station and postoffice, on rural route, one-half mile to church and school, 700 acres in cultivation, 824 acres in timber, mostly level, most of this land lies in river bottom, good clay loam soil, abundant water supply, produces all kinds of crops grown in this section of the state; fenced with wire and rail fence. Good small dwelling, barn and other outbuildings. This is a tract of good virgin Arkansas land to sell at price ranging from \$10 to \$25 per acre with terms to suit purchaser. Will sell in tracts of 20 acres to 160 acres or more. R. R. Miller, Hatfield, Ark.

TWENTY-ACRE FARM—Located near Judsonia, most all land is in cultivation, eight and one-half acres in berries, two and one-half acres in new berries just set out this spring, good garden, pasture and orchard; six-room two-story house, good barn, camp house and other buildings; one-half mile from good school and pike road, mail route by house from Judsonia, good water, healthful location; price with crop \$1,800, without crop \$1,600. Would like to sell at once and give immediate possession. Noah Church, Route 1, Judsonia, Ark.

FOX HILL STOCK FARM—240 acres of improved land located in Benton county on the Spavinaw river. Will sell at bargain. S. Johnson, Gravette, Ark.

SIXTY-THREE-ACRE FARM—Located on the brow of Crow mountain, 1,000 ft. elevation, overlooking city of Atkins with a population of 2,000; excellent auto road up mountain, wonderful scenery within a radius of from ten to twenty miles, surpassing many other more noted scenes in this and other states. Twenty-five acres in cultivation, all under fence; balance

tillable; bearing cherry orchard, family peach and apple orchard. This is a splendid place for fruit, vegetables and poultry, a fine auto road to good market one and one-half miles away. Three wells of extra good water, plenty of outbuildings. E. L. Hendrick, Atkins, Ark.

BARGAIN FOR QUICK SALE—One hundred acres in free range country, well suited to diversified farming, located in a promising, progressive community two and one-half miles north of Adona, Perry county, on mail route; Rose Creek runs through farm, everlasting springs; three acres in second-year apples, cherries, peaches, bearing vineyard, berries, asparagus and rhubarb; fine well, poultry house, barn and four-room attic house. An exceptional bargain if taken soon, terms or cash. Geo. W. Crowden, Route 2, Box 36, Casa, Ark.

OZARK MOUNTAIN FARM—160 acres, 35 in cultivation, balance timber, all fenced; new six-room bungalow, good barn and orchard, fine well, good outbuildings; also sawmill, grist mill, cotton gin included; price \$2,000 cash or \$3,000 with terms on part. G. Ballard, Melrose, Ark.

CURRENT RIVER BOTTOM FARM—341 acres, located in the Current River bottom five miles from Pocahontas; 90 acres in cultivation, all under wire fence; fine stock farm. Can give ten years' time for payments. J. A. Roberts, Biggers, Ark.

TWO FARM VALUES—(1) 320 acres, located in Benton county, good stock and grain farm, 100 acres in valley cultivation, part seeded down, 220 acres in hill timber pasture, can be cultivated; two sets of improvements, several never failing springs, some good saw timber; three and one-half miles from railroad, near to school and church, on two mail routes; price \$9,000. (2) 160 acres in Crawford County on the Boston Mountains, all timber land, good saw timber; located eight miles from Rogers; will sell at \$10 per acre. F. E. Black, Route 3, Garfield, Ark.

TWO MADISON COUNTY TRACTS—(1) Fifty and one-half acres, 500 apple trees two and three years old, good garden; house, barn, cellar, chicken house and smokehouse, two mills on pond; located one mile from Drakes Creek, Ark.; good pasture; 24 acres leased for oil, rentals paid until Nov. 1, 1924. (2) Forty acres of unimproved bench land; 20 acres can be cleared; several cross ties on place; one spring; rentals for oil lease paid to November 1, 1924. F. M. Alderson, Drakes Creek, Ark.

EIGHTY-ACRE FARM—Eighty acres of good land, 20 acres in cultivation, fine peach orchard on place. For further information write, H. R. Prewitt, Route 1, Box 20, Hardy, Ark.

EIGHTY-ACRE FRUIT FARM—Besides being a splendid fruit farm with 650 fruit trees of most every kind, this tract has more than 3,000 acres of free range for cattle, hogs, and horses on all four sides of farm with plenty of creek and spring water, making it ideal for a cattle and hog ranch; located eleven miles north of Clarksville, two miles south of Ozone and is 300 yards west of main road from Clarksville to Ozone, one mile from new highway being built through Johnson county; 55 acres in cultivation, well fenced; two good springs, modern five-room house, good outbuildings; 55 acres cleared, almost level, sandy loam soil and clay subsoil; one-half acre vineyard; some fine timber, plenty of wild game. Will sell on easy terms or trade for property in or near city. J. C. Carson, Ozone, Ark.

HANDLE FACTORY FOR SALE OR EXCHANGE—Manufactures handles for hoes, rakes, shovels, hay forks, brooms and mops; machinery in first class condition, boiler and engine power; located in Pocahontas, Ark., on railroad and river, making it easy to get timber either by train or boat. This is a fine business for the man who can give it the proper attention. Will sell or exchange for farm land, good stock of merchandise or city property. Would consider partner who could give his attention to the business, would pay him salary. Clifford Price, Pocahontas, Ark.

FOR SALE OR TRADE—Farm for sale or trade, would like to dispose of by fall. Write for further information. J. R. Walker, Gifford, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK

WANTED AND FOR SALE.

Wanted—One hundred good grade ewes from Missouri or North Arkansas. Jno. B. Foster, Route 1, Mountain Home, Ark.

Hampshire hogs, tried sows, young boars and pigs. F. P. Owens, Bingen, Ark.

Wanted—Purebred Shropshire ram about two or three years old. Hubert P. Finger, Gaveta Lodge, Fayetteville, Ark.

Jerseys—To make room for an increasing registered Jersey herd in our dairy farm we are offering ten high producing, carefully culled grade Jerseys for sale. We guarantee the information with each cow. Ages range from three to six years. All are bred to highbred bull. If looking for high producing grade Jerseys, this is your opportunity. We also have several bred grade heifers for sale. Jerseyland, M. L. Harwood, Mgr., Route 1, Siloam Springs, Ark.

Registered Duroc-Jersey breeding stock, any age and both sexes. Satisfaction guaranteed. Walnut Grove Stock Farm, Route 4, Siloam Springs, Ark.

O. I. C. pigs, three months old, either sex, large breed, out of litter of 12; registered in your name; \$10 each, f. o. b. here. Guaranteed as represented. E. A. Adams, Yellville, Ark.

Two Jersey bull calves, three months and six weeks old, respectively; will have them registered for \$30 each; their dams give 30 lbs. of milk a day with first calf. R. B. Tegarden, Yellville, Ark.

POULTRY—FOR SALE.

Buff Minorca cockerels, early spring hatched, \$1 each. Buff Minorcas are the coming general purpose fowl; they are the largest of the Mediterranean breeds, are fully as large as Black Minorcas, standard weight cocks, 9 lbs., hens 7 1-2 lbs. They are non-sitters and great layers of the largest white eggs of any of the standard breeds. J. H. Rothenhofer, DeWitt, Ark.

Want to hear from someone having blue Cuba games with eggs and cocks for sale. Mrs. Roland Gosnell, Blansett, Ark.

One Rhode Island Red Rooster, yearling this last May, from the Airhart and Owens strain. Price \$2, f. o. b. here. Mrs. Grant Oster, Route 4, Rogers, Ark.

R. C. Silver Spangled Hamburgs and S. C. Buff Leghorns eight weeks old, cockerels and pullets, 65 cents each in lots of five or more, less 75 cents each; chicks 11 cents each; eggs, 3 cents each. Mrs. Mildred Miller, Freedom, Okla.

Choice pullets and cockerels for \$1.50 each, Barred Rocks, Reds, Light Brahmas, Cornish Anconas and White Leghorns. Emile Roth, Williford, Ark.

Allen's active Anconas, standard bred, national egg-laying contest winners; eggs, \$5 per 100 prepaid; March cockerels, 75 cents each in lots of two or more bought before July 1; White Wyandotte cockerels, same age and price. Mrs. Avery Allen, Macon, Mo.

Red Corneaux pigeons or white fan-tails, per mated pair, \$2; breeding age one and two years old. Geo. E. Miller, Freedom, Okla.

Purebred Barred Rock frying size cockerels; prices right; stock limited. Thompson & McDonald stock. Roe Mobley, Prairie Grove, Ark.

English White Leghorns, 314-egg line; imported breeding; cockerels \$1 each, \$9 per dozen, f. o. b. Mrs. Winnie Laey, Gerster, Mo.

White Leghorn, Barred Rock, Rhode Island Red, Black and White Minorcas, White and Buff Orpington, White Wyandotte and Ancona eggs and breeding stock. Helery B. Chisum, Danville, Ark.

MISCELLANEOUS—FOR SALE.

Lazy Daisies, 10 cents per dozen, plants 20 cents per dozen. Ruby Leatherbury, Route 3, Box 9, Green Forest, Ark.

Want to sell for \$3 cash or exchange for something of equal value, a lady's beautiful brown three strand 22-inch hair switch. Write for sample if interested. Mrs. J. R. Walker, Gifford, Ark.

An invalid's wheel chair with rubber tires, in good condition. T. M. Robison, Route 2, Gravette, Ark.

Two female Scotch collie pups, two months old, price \$7.50 each. Chas Follett, Route 5, 101 Ranch, Bentonville, Ark.

Wanted—Either man or woman for a partner on good farm; have more stock and fruit than I can care for; must be a good and honest worker; would consider a young married man. Isaac Read, Brewer, Ark.

For Exchange—One brand new wrist watch to exchange for purebred poultry, value \$25. Also nice fox hound puppy to exchange for Poland China gilt, poultry or bees, value \$25. H. B. Chisum, Danville, Ark.

Frost-proof cabbage plants, tomato plants, sweet potato plants and pepper plants. Would like to exchange my farm for larger farm, will pay or take difference; prefer to be near Harrison or Little Rock. H. B. Chisum, Danville, Ark.

Wanted—Purebred Houdan chickens. A. D. Marcussen, Route 2, Charleston, Ark.

Wanted—A good girl between the ages of 10 and 15 years to make home with an old couple; can live as a member of the family until married or of age. A good home for a good girl as long as she wishes to stay. Geo. F. White, Bee Branch, Ark.

New Butterfly cream separator, only used three months, in good condition; cost me \$62.50; will sell for \$35 as I am out of the cream business. W. C. Bostian, Route 1, Beebe, Ark.

A good fawn-colored bull dog to exchange for a Scotch collie cattle dog. A. Z. Blanchette, Route 1, Hensley, Ark.

Walker fox hound pups, two months old; one pair of coon hound pups, \$10 per pair; one tree hound, \$20. Ray Langston, Route 2, Green Forest, Ark.

Wanted—The address of my father, Matt Clay, a native of Mississippi, or if information leads to his death would like to know the bank that has his estate in charge for his heirs. Jenny Clay Toney, Route 3, Cabot, Ark.

One John Deere riding twelve-inch two-gang plow, \$50. Address, R. L. Scarlett, Box 45, Pine Bluff, Ark.

244-egg Cyphers incubator, like new; present retail price, \$56. Will sell or exchange at once for best offer. Mrs. Edward Young, Box 117, Grady, Ark.

Can furnish two or three carloads of walnut timber to person with right price. Alvin Griffith, Draft, Ark.

One Gearhart family knitting machine, right new, ten lbs. of yarn included, price \$40. Miss Maud Lucas, Heber Springs, Ark.

Economy King cream separator, size No. 11, good as new, used very little; price right. Mrs. Minta Todd, Gen. Del., Pine Bluff, Ark.

Two-year-old Walker and Bluf Bugle fox hound, \$16; or will trade him for a Jip fox hound. Sid Moore, Dover, Ark.

Clover seed for July delivery; also baled oat straw. W. H. Trigg, Dermott, Ark.

Female Fox Terrier pup, three months old; will make splendid ratter; price, \$3.50. Alonzo Hedges, Charleston, Ark.

For Sale—Home weaving loom complete with warping bars, slays, harness, shuttles, etc., very cheap. Maud Gilbert, Box 47, Guion, Ark.

CROP OUTLOOK OVER THE STATE IS IMPROVING FAST.

Cotton is recovering rapidly from the setback that it received from cold weather and too-frequent rain, and where the farmers have the labor to keep it out of the grass a good crop is going to be made. Corn is practically made over the southern half of the State. There has been a good hay crop and pastures are looking fine. The rice growers have the best outlook in years. In the plantation regions the growers are getting ready to wage war on the boll weevil with calcium arsenate for their weapon. The weevil has appeared in several localities and may be expected in increased numbers and over a wide range as the season advances.

STATE OF INDIANA RAISES ONLY 38 PER CENT OF ITS FEED.

A report of the State Chemist of Indiana, which has just been issued, says: "Indiana farmers in 1923 purchased approximately 389,971 tons of commercial feeds at an estimated retail value of \$18,026,682. Only 38 per cent of this feed was grown in Indiana, 62 per cent being shipped in from other states."

The situation in Arkansas is not so much worse than in Indiana, which is recognized as one of the great agricultural states. Arkansas deserves credit for what it has done. We are raising more feed than we ever did and importing a much less quantity than is Indiana.

NEW ARKANSAS MAP SHOWS POLITICAL DISTRICTS.

There has just come from the press a new and valuable wall map prepared and published by Jim G. Ferguson, Commissioner Mines, Manufactures and Agriculture, Little Rock. This map shows not only all the railroads, principal towns and cities, rivers, mountains, forest reserves, elevations and township lines, but there are miniature maps showing the soil divisions and geological regions of the State in colors. There are also small maps indicating the political subdivisions of the State and the location of mineral deposits.

The map is printed on strong bond paper and is of a convenient size for hanging upon the wall. Copies of the map may be obtained by writing to Commissioner Ferguson at Little Rock.

MUSEUM AT STATE CAPITOL INTERESTING TO VISITORS.

When a farmer or his boy or girl visits the State Capitol at Little Rock a visit should be paid to the museum of the Bureau of Mines, Manufactures and Agriculture where Commissioner Ferguson has assembled a remarkable collection of the products of the farms, factories, forests

and mines of the State. One might go through the exhibit without seeing anything but a display of rocks, grains and timber, but there is an interesting story in connection with every exhibit. Here one will see a pair of very ordinary looking mussel shells from which was taken a \$3500 pearl. Here he will also find a piece of peridotite rock from which a pure diamond, 17 carats in weight, was taken. Here is a section from a red gum tree more than six feet in diameter. Here are specimens of many kinds of grains, grasses, fruits and cotton, giving one a splendid chance to study the difference between varieties and the benefits of several selections. The museum is one of the show places of Little Rock.

CLOSE WATCH ON FERTILIZER, FEED AND SEED TRADE.

Every sack of fertilizer, every bag of feed and every package of seed sold in Arkansas is subject to inspection of the State Department of Agriculture and the strict regulation of this traffic by Commissioner Ferguson has resulted in a noticeable improvement in the quality of fertilizer, feed and seed sold in this state.

Fraud and misrepresentation is detected by the taking of frequent samples from the stocks of dealers in various parts of the state. The samples are analysed in the chemical laboratory at Little Rock and the results compared with the claims of quality, purity, value, etc., made by the manufacturers. If there is a discrepancy the goods are withheld from sale.

Commissioner Ferguson has made a hard fight for honest weights in the feed business and his inspectors are making the manufacturers fill up their sacks to a full 100 pounds instead of selling them from one to ten pounds short of weight.

This service is saving the farmer a lot of money and the expense is paid out of the small inspection tax. None of this expense comes out of the general revenue or the property tax of the state.

Homeseekers Who Want to Buy Arkansas Farms

Literature has been sent to C. A. Patterson, Box 185, Independence, Kan., who is interested in cheap, unimproved land such as merchantable timber lands, oil and gas sections and pasture lands. He is a native of south Arkansas and expresses his belief in the future development of Arkansas' natural resources. He expects to visit northwest Arkansas soon.

B. Davis, Vail, Ari., requests information on the timber resources of Arkansas and asks that his name be handed to timber land dealers in this state.

Sidney B. Vaughn, Carrier 17, P. O., Long Beach, Cal., a former Arkansas citizen and farmer, is thinking of returning to his home state and is interested in Hempstead and Sevier counties. He requests information concerning diversified farming, crops, markets and whether or not he can get raw land in this section.

J. M. Foster, Doniphan, Mo., requests information on state and government land in Sharp county.

Literature has been sent to Earl T. Dillon, 2614 E. 24th St., Minneapolis, Minn., who is planning to buy an Arkansas farm and prefers a place where work could be secured during spare time from farm.

Mrs. B. F. Wiggins, Portales, N. M., asks for Arkansas literature as she is planning to make her home in this state.

U. W. Taylor, Harleton, Texas, requests a list of Arkansas farms for sale and other information about the State.

R. L. Coe, Star Ranch, Lakeside, Neb., is considering Arkansas as a location in the near future and requests our literature. He is especially interested in farming.

Mrs. Alice McCord, Colchester, Ill., is a prospective homeseeker and is thinking of buying cheap fruit land in Arkansas.

M. E. Clark, 612 Galveston, Ave., Fort Worth, Texas, requests information concerning farming districts in Arkansas, the portions free from malaria and the towns having the best farming section surrounding them.

C. R. Justus, Box 55, Kinsley, Kan., is going to visit Arkansas this summer in the interest of buying a farm suitable for general farming and stock raising; he prefers smooth land in the western part of the state.

Mrs. O. A. Smith, Kingsville, Texas, is interested in State lands in Arkansas; she prefers to locate on a farm in the mountains.

L. L. Gresham, 2319 Lee St., Fort Worth, Texas, is interested in homestead land in Arkansas.

H. Van Tine, Bernalillo, N. M., is thinking of locating in Arkansas in the near future and would like to get a small, cheap farm in the Ozarks; he wants near good markets for fruit, berries, poultry and vegetables.

K. Blanchard, 39 Pilgrim Road, Brookline, Mass., is interested in Arkansas and asks for our literature dealing with Arkansas industries.

Melvin Watson, Box 93, Almont, N. D., wants to trade for an Arkansas farm.

W. M. Rowlett, Box 304, Texas City, Texas, writes for information about homestead lands.

Mrs. W. C. Wright, Gen. Del., Marshall, Minn., wants to know about the possibilities for dairying, fruit growing and poultry raising in Arkansas.

Geo. D. Harrison, 731 Second Ave., Dallas, Texas, is planning to move to Arkansas this fall and would like to find a location.

F. S. Beverly, Freeling, Va., inquires about Government homestead land.

August Brown, Flat Top, Wyo., wants to rent a farm in north or northwest Arkansas. He is interested in dairying, small fruits and grain.

Requests for literature have also been received from the following prospective homeseekers: W. J. McGoffin, Dewey, S. D.; C. R. Justus and Henry Vauman, Kingsley, Kan.; Romas J. J. Gibbs, Powers, Ore., and W. W. Lee Gilliam, Mitchell, Ind.

OCT 7 1924

UNIVERSITY OF ILLINOIS

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 10, NO. 8.

LITTLE ROCK, ARKANSAS

AUGUST, 1924.

Little Rock's New Curb Market Is Well Patronized by Both Farmers and City People

BY JIM G. FERGUSON, Commissioner
Mines, Manufacturers and Agriculture

LITTLE ROCK has established a successful curb market where farmers may take their produce and where city people can go on certain days of the week and buy their supplies of vegetables, fruits, eggs, butter and poultry directly from the farm wagon or automobile at a less cost than is usually paid when these commodities are marketed through a system of middlemen.

The curb market was organized by J. W. Sargent, the local county agent, and is operated under the auspices of the city authorities, with certain regulations regarding the parking of vehicles and the conduct of sales.

At a central point on the market, which is located at Tenth and Spring streets, there is a large bulletin board on which is posted at the opening of the market each morning the prices which will be charged for each product and these prices are observed by all the farmers who have those products for sale.

Prices being uniform, the buyers only have to look around to pick out their purchases or to buy from those whom they know or for whom they have a preference. The reputation of the market is behind the quality of everything that is sold and each farmer is responsible for the purity of his butter or the freshness of his eggs.

It is estimated that from 1500 to 2000 buyers will visit the market daily on the three days of each week when the market is open. The produce is displayed along the curb or sidewalk for a distance of one block on Spring street and one block on Tenth street and the buyers consisting mostly of housewives who come to the market in their motor cars,



Early Morning Scene on the Little Rock Curb Market.

walk along between the rows of sellers, picking out what they want.

Often a buyer will come to the market to purchase only one article and will be attracted by the display of tempting edibles, the result being that before he departs he will make numerous purchases for the family larder. This is one of the greatest stimulants to sales on the curb market.

Among the regular patrons of the curb market is Governor Thomas C. McRae, who can be seen early in the morning with a market basket on his arm, helping his good wife select the family dinner.

The photograph gives a very good idea of the curb market in action. The farmers come in their automobiles and wagons early in the morning and are assigned space around the curb. A scale of prices is agreed to and these prices are posted. Then the selling begins and by the middle of the forenoon everything is sold. As soon

as a farmer disposes of his products he vacates his stall. If he has only a few odds and ends left he may dispose of these at a reduced price to one of his neighbor curbmnen and get away all the earlier.

A small fee is charged to cover the cost of cleaning off the market place and caring for the equipment. The county agent, the city authorities and the business men of Little Rock are doing everything they can to encourage the permanent establishment of a market of this character.

Several attempts have been made to organize a curb market in Little Rock, but none has been attended with the success that seems to mark the present undertaking. In times past, the market would thrive in early spring when there was plenty of vegetables and in the Summer when cantaloupes, melons and fruit came on the market, but as soon as these products were out of the way the market would have very little to

offer and buyers would get discouraged and cease to visit the market. At such times, the banana peddlers and professional trucksters would take charge and what was intended as a market for the farmer would degenerate into a catchpenny institution where the city patrons got neither bargains nor honest treatment. It is hoped that the present market will not suffer a repetition of this experience.

If the curb market is to succeed the farmers in the country about Little Rock must help to make it a success. They can do this by producing a variety of crops such as will

prolong the marketing season and by planning to have something to offer the city buyer more than the ordinary crops of the farm, especially between seasons. Chickens and eggs are always in season, as is butter and cheese, but there are a lot of other things that can be produced on the farm that would be saleable, things like honey, syrup, preserves and canned goods.

City people would much rather buy these commodities fresh from the country wagons if the quality is equal to that of store goods. The trouble is that the country quality is not always dependable. When a Little Rock housewife opens a pound of Wisconsin creamery butter, she knows what she is going to get, but when she opens a pound of country butter it is too often a guess at what she is going to get in the matter of quality. Farmers can help the curb market by putting dependable quality into whatever they have to sell. The success of the market depends upon the satisfaction of the city buyer and the buyer will not be satisfied unless he gets good products at a reasonable price.

WHEN THE FARMER AND THE CONSUMER GET TOGETHER BOTH OF THEM SAVE MONEY

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



APPLES ARE THE BIGGEST OF ALL FRUIT CROPS.

Apples are the most important fruit crop of the United States. Every year they outrank citrus fruit, peaches, and strawberries, both in size of crop and in actual money value. According to statistics published in the Yearbooks of the United States Department of Agriculture for 1920 and 1922, the average annual total crop for the five year from 1916 to 1920, inclusive, was 179,208,000 bushels. The average annual commercial crop (apples sold or to be sold) for the same five years was 80,337,000 bushels (estimated). The commercial crop during this period was therefore about 45 per cent of the total production. The total 1920 crop, 223,677,000 bushels, at farm prices of December was worth approximately \$256,781,000. Forty-five per cent of that sum, or \$115,551,000, can be assumed as the minimum value of the commercial crop. It was certainly worth more than that, but there is no way of telling how much more.

Reductions in size and value of the apple crop must therefore be reckoned on a basis that usually approximates \$200,000,000 for the total crop and at least \$100,000,000 for the commercial crop.

STATE FEED INSPECTION SERVICE PROTECTS BUYERS FROM FRAUD.

Arkansas people buy millions of dollars worth of feeds and before the passage of a feed inspection law this state was made the dumping ground for adulterated and inferior feedstuffs, the sale of which was not permitted in the states from which the material was shipped. Whenever the back of the inspector is turned there are unscrupulous manufacturers who will attempt to market their spurious feeds in defiance of the law. It requires a constant vigilance to keep the traffic regulated and the buyers of feed have been saved many thousands of dollars by this service administered through the office of Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture.

The latest feed frauds attempted in Arkansas are the adulteration of oats by pouring water upon the bags to increase their weight and by adding considerable quantities of weed seed, all of which is in open defiance of the State and Federal laws. Commissioner Ferguson is receiving co-operation from the U. S. Department of Agriculture in detecting offenders and several cars of oats wrongfully tagged have been withheld from sale.

NEW VARIETY OF STRAWBERRY IS DEVELOPED.

Interesting results are being secured at the Bell, Md., horticultural field station of the Bureau of Plant Industry. George

M. Darrow, pomologist in the office of horticultural investigations, has made a large number of crosses between the Chilean strawberry bought from Ecuador in 1920 by Wilson Popcnoc, agricultural explorer of the department, and North American varieties of strawberries. Many of the crosses are fruiting this season for the first time. Among them are several which show unusual promise.

The Chilean strawberry (*Fragaria chiloensis*), famous for its shipping qualities and the delicacy of its flavor, is not well adapted to the climate of the eastern United States. It can not, therefore, be cultivated commercially in this region. By crossing with the best sorts grown here, new varieties are being obtained which combine, in certain degree, the delicate flavor and firmness of flesh characteristics of the Chilean, with the ability to grow in this climate which is possessed by the local sorts.

NEW REPORT ON INDUSTRIES OF ARKANSAS.

Commissioner Jim G. Ferguson of the State Bureau of Mines, Manufactures and Agriculture, has just issued a new report on the industries of the State, a directory of manufactures, with a list of every producing plant in the State, all conveniently classified.

"Three thousand, one hundred and twenty-three factory whistles call to work every morning 58,202 workers," says Mr. Ferguson, "and from these establishments, in the building and equipment of which there is invested \$138,817,000, there is turned out annually \$200,313,000 worth of products, of which there are 250 different kinds."

This book contains 174 pages and is full of information. It is a reference volume that should be on the desk of every farmer and business man for it contains valuable information that is needed almost every day in the year. The report is now ready for mailing and can be had upon request.

COTTON OUTLOOK OVER STATE BETTER, JULY REPORT SHOWS.

While the condition of the cotton crop in the United States deteriorated 2.7 points from June 25 to July 16, Arkansas was fortunate in having a two point rise from 68% to 70%. As this is the first mid-month report, no comparison can be made as of July 16 for previous years. It may be remarked, however, that in the thirty day period from June 25 to July 25, the ten year average shows a mean decline of two points. It will be seen, therefore, that the present trend of the cotton crop in the state is upward.

Judging from the relation of this condition report to the final yield in former years, the condition of 70% on July 16

indicates a yield per acre of about 152.6 pounds. Last year, the production was approximately 642,000 running bales or a little less than 626,000 standard bales.

While no questions were asked in relation to boll weevil, many of the reporters commented on the presence of or damage being done by this insect. The greater majority remarked "very little boll weevil," or "boll weevil is doing little damage."

Homeseekers Who Want to Buy Arkansas Farms

H. B. Gebhart, Cynthian, Ind., is considering Arkansas as a location in the near future and requests literature on our state.

Literature has been sent to Will R. Willan, Morgantown, Ind., who is interested in Arkansas land.

Merchant and Thompson, hotel proprietors, Duncan, Okla., want to get in touch with a man or firm who handles farm lands. They want a farm in the Ozarks near a stream.

Literature has been sent to F. Thomas, R. F. D. 3, Butler, Okla., who is planning on locating in our state and desires prices on choice lands.

Literature has been sent to Mattie E. Byrn, Oakland, Calif., 1267 First Avenue, is interested in land in Drew county and would like to have some idea of what it produces.

Thos. A. Long, Cherry Valley, Ark., wants letters from people living in the Ozark mountains and foothills, particularly Benton, Washington, Polk and Pike counties, giving all the information possible.

R. L. Sweeten, Wheeler, Ark., wants to lease strawberry land. He prefers a tract near Springdale.

Literature has been mailed to O. M. Miller, 7224 Jeffrey Ave., Chicago, Ill., who is trying to locate an ideal place in Arkansas where fruit raising is profitable.

Albert Thomas, Walkerton, Ind., is contemplating a trip to Arkansas and requests information about climate and prices of farm land.

A. H. Rankow, Pierre, S. D., requests information about opportunities for general farming in Arkansas.

Literature has been sent to J. Gosskie, Plymouth, Mich., who is considering purchasing land available for homesteaders in Arkansas.

Unfavorable comments noted were "grasshoppers doing injury in sections of Mississippi county," "rust or blight in Craighead county," and a considerable number of scattered complaints of "poor stands" and "small size of the plant."

On the other hand, there was also quite a percentage of optimistic reports, some saying "cotton never looked better," or "prospects never were brighter."

Jacob Stark, 723 W. Olive St., Decatur, Ill., requests information pertaining to agricultural part of Arkansas.

W. F. Moore, Plover, Wis., is planning to locate in Arkansas and requests literature on farm lands.

"I want to move to the Ozarks of Arkansas and would like to trade for a good farm in northwest Arkansas, and will appreciate any information about that part of the state," writes J. F. McNeill, Pearland, Texas.

Oscar E. Bumpass, 101 Stratford Court, San Antonio, Texas, requests literature on state lands.

S. W. Douglas, Route 1, Success, Ark., wants to trade a farm in Arkansas.

W. E. Zeuch, Newllano, La., is looking for a 1500-acre tract along a stream, near railroad in a healthful part of state as a site for a co-operative community. Hill country is preferred but there must be from 500 to 600 acres of good farming land and some timber.

F. S. Eby, 716 Lee Bldg., Kansas City, Mo., wants to get in touch with parties in southwest Missouri or northwest Arkansas who have land for sale, suitable for sheep raising.

"Will you kindly send me information about the climate, farming and mining possibilities of the State of Arkansas?"—H. D. Decker, 221 Garfield Ave., Grand Rapids, Mich. Literature has been sent to Mr. Decker.

Harry M. Burger, 23 Pleasant Ave., Jamaica, N. Y., desires information regarding locations and conditions for bee keeping in Arkansas. He plans to move to this state if conditions are favorable.

William M. New, Route 5, Ft. Wayne, Ala., wants general information regarding price of land, health and school conditions in the Ozark section of northwest Arkansas. He is especially interested in improved farms of 60 or 80 acres.

Time Now To Sow Bur Clover Crop, the Perpetual Fertilizer

A. D. McNAIR,
Agricultural Extension Division, University of Arkansas.

Bur clover is a perpetual fertilizer for cotton lands because a good stand of it keeps coming back every year in cotton and corn middles provided it is allowed to go to seed every other year or every third year.

The time to sow bur clover is now at hand. August is the month for sowing untreated seed and September for seed that has been boiled one minute. Boiling the seed from one to two minutes raises the percentage of germination from 10 per cent to 85 or 90 per cent. Sowing early and subjecting the seed to alternate wetting and drying also helps to prepare it for germination.

An acre or two of bur clover to start with is enough to enable one to learn its habits, to save seed and then scatter it over large areas. It will save time and disappointment if the seed is first sowed on manured ground. The plants start off better and survive the winter better on manured land.

After one gets a start with this clover he can save his own seed and extend the area or he can rake up the ripe vines and scatter them where he wants a new stand, or he can use the ripe vines as bedding for live stock so that wherever the manure, thus made, is scattered there will be bur clover seed in it to sow a new area.

The perpetuation of bur clover on the same land year after year does not interfere with growing cotton and corn on the same land, but it does involve the use of late crops such as June corn, Irish potatoes, turnips, peas, etc., once every two or three years.

The simplest rotation arrangement is to plant June corn as soon as the clover is ripe—say June 1—and then plant the same land to cotton the next year. The clover will come up as a volunteer crop in the corn middles about three or four months after going to seed. This stand will be destroyed the next spring when the land is prepared for cotton, but there will remain enough ungerminated seed in the soil to come up the next fall in the cotton middles say 15 to 16 months after having gone to seed and after a crop of June corn and a crop of cotton have been grown on the land. This latter stand should be allowed to go to seed to be followed by June corn or other late crop as before. Some farmers allow the bur clover to go to seed only every third year and still get back a volunteer stand of clover at that time.

Bur clover seed is found on the markets in the bur and not in the form of the threshed seed. The amount required per acres is four to five bushels of burs.

FARMS FOR SALE

VALLEY FARM—110 acres, five miles from Paris. 80 acres in heart of valley, level, no rock; 30 acres on hillside, one and one fourth miles away, good for timber; 12 or 14 acres in pasture, three-room dwelling, two porches, plenty of water, good barn and outbuildings; good fences, mostly wired, three-room rent house and telephone; on rural route near school and church. Price \$4000. H. H. Brown, Route 1, Paris, Ark.

BARGAIN—Have some cheap Arkansas farm lands, partly improved, for sale. Write for terms. J. C. Hall, Patrick Ark.

NORTH ARKANSAS DAIRY FARM—160 acres, 80 acres in cultivation, 80 in timber; 100,000 feet of good saw timber, 16 acres in corn and truck patches, 10 acres in orchard, apples, peaches and pears; one two-story dwelling with basement, nine-rooms, one tenant house, good spring of water within 50 feet of each dwelling, one silo of 50 tons, dairy barn with 14 stalls, one grain and stock barn, one evaporator, black-smith tools, turning plows, cultivators and other plows and tools, one wagon, harness and one extra horse, four milk cows, giving milk, calf and two yearlings, all three heifers, all Jersey cattle. Price \$7,300, \$2,300 cash, balance on five years term at 7% interest. Place is three miles north of Decatur on the State Highway running from Fort Smith to Joplin. Wiley C. Sitton, Decatur, Ark.

SALINE COUNTY FARM—407½-acre stock farm in west end of Saline county, in Arkansas National Forest on Alum Fork of Saline river; 250 acres under fence, 100 in cultivation, three sets of buildings, good water, fine outside range; fine fruit land, Price \$10 per acre. Have Federal Farm loan of \$1600 at 5½% interest. Can be transferred. J. F. Drennan, Isaac, Ark.

SMALL TRACT IN NORTH ARKANSAS—20-acre farm, one and one-half miles of Cisco in Carroll county on M. & N. A. railroad. All good rich land and in cultivation, two-room house, good barn, smoke house and fine garden, good water. This property has crop of alfalfa corn, potatoes and all goes with place. J. H. Gibbs, 229 N. Main St., Eureka Springs, Ark.

POSTOFFICE AND FARM—42 acres for sale, forty acres ¼ miles from town, two acres in town, with garden and fruit, a good barn, a four-room house and post-office building. Price \$500. Want to sell to someone who can become postmaster. Postoffice pays near \$40 per month. D. Durham, Fallsville, Ark.

INDEPENDENCE COUNTY FARM—115-acre farm, in Independence county, 10 miles north of Sulphur Rock, most all creek bottom, fenced and cross fenced, an abundance of good well water, five-room house, and other buildings in very good repair, on public road, and mail route, one and one-half miles to church, and school, and country store. Will sell at a bargain for cash. Z. E. Todd, Batesville, Ark. Route 2 or Sulphur Rock, Ark. Star Route.

IZARD COUNTY FARM—385 acres, five miles from railroad, also five miles from county seat and highway, well water, suitable for stock or poultry, some fruit trees, two houses and several out-houses. Outside range and plenty of timber. G. P. Bruce, Guion, Ark.

FARM BARGAIN—60 acres of level land, 35 acres open, all fenced with wire, timber for farm use, seven-room, frame house, painted white with brick pillars, large lawn, flowers and shrubbery, on pike road, rural route and telephone line, one-half mile to church and school, two miles to city and creamery, good neighbors, an ideal place for dairy, poultry and general farming. If taken soon will include two cows, one No. 4 separator, one Poland China sow and pigs, chickens. Reasonable price. L. J. Marine, Beche, Ark.

FARM FOR RENT—50 acres in cultivation, will sell present crop, three good milk cows, plow tools, hogs, good house and barn, pasture, peach orchard, on rural route, near church and school. Will rent place for 1924, if can sell crop. Possession at once. J. W. Foshee, Kirby, Ark.

HEMPSTEAD COUNTY FARM—122 acres, five miles south of Hope, one mile from church and school; 75 acres in cultivation, three acres in orchard, 20 acres in pasture of Bermuda grass, the balance in oak, pine, cypress and gum; running water all the year, fine well of soft water, six-room house well finished, a beautiful location; barn and other outbuildings in good condition, under wire fence and suitable for stock raising as well as farming. Price \$8,000 cash, give possession when crop is gathered. Old age reason for selling. Will Anderson, Route 1, Hope, Ark.

IMPROVED PRAIRIE COUNTY FARM—160 acres, nine miles north of Des Arc; 135 acres in cultivation and under fence; good five-room house and large barn, both painted; two tenant houses and other buildings; black loam soil, all level land, good location for stock raising, free range. Price \$4,500, part down terms on balance. J. W. Brown, Box 33, Des Arc, Ark.

POULTRY AND STOCK FARM—160 acres of land in Van Buren county; good house, two barns, chicken house, smoke house, one rock house watered by spring, branch and well; fenced and wired with wire; about 40 acres in cultivation, on highway. One of the best chicken, hog and general farms in northwest Ark. Terms. Jess Webb, Star Route 1, Shirley, Ark.

FARM NEAR LITTLE ROCK—Eight acres, fenced, three-room bungalow, screened, fine well of water, garage, hard surfaced road, no rock; strawberries, blackberries and peaches, healthful location; 35 minutes drive from Little Rock; excellent for poultry, berries and truck growing for the curb market at Little Rock. Price \$1,050. Wm. W. Long General Delivery, Little Rock, Ark.

PERRY COUNTY BARGAIN—40-acre farm suitable for poultry raising, fruit or general farming; good free range, fine water; 35 acres fenced with wire, 32 acres in cultivation, young orchard, young vineyard; new four-room house, other buildings; convenient to church, school and only half mile to new state highway, two and half miles to Adona and five and one-half miles to Casa, on rural route; railroad runs in four miles of farm. Must change climate is reason for selling; good title to land; will sell for cash only. Price \$1,500, possession this fall. G. E. Chittenden, R. F. D. No. 2, Casa, Ark.

WESTERN ARKANSAS FARM—40-acre improved upland farm, five-room house and out-buildings, near school and church, a good community; four miles from Hartford and six miles from Mansfield, both railroad towns. In the coal sections; good fruit and truck farm; will sell at a bargain. W. J. Goff, Hartford, Ark.

UPLAND FARM—160 acres ridge land; 60 acres cleared and fenced, 25 more to be cleared; abundance white and red oak timber; four-room boxed house, smoke house, two log barns, cistern and spring, pond for stock; on public road. Price \$1,000; located in northwest corner Randolph county. Callie Wrenfrow Route 2, Mammoth Spring, Ark.

DAIRY FARM—80-acre improved farm in Benton county. A desirable home near a railroad town, health resort; mineral springs; near school, rural route and telephone; good neighbors; near John E. Brown college and the Swenson nursery; good chance for employment; must retire; will sell for cash or part time, or for income property. This is a dairy farm; ten cows, several teams, farm tools. Price \$10,000. W. A. Nichols, Route 1, Box 160, Siloam Springs, Ark.

FRANKLIN COUNTY FARM—73 acres, about 50 in cultivation, ten in Bermuda grass, pasture and good meadow, good house, fine well of water, barn, about twenty acres of this land suitable for a commercial peach orchard; a good school and church just across the road. H. A. Smith, Meg, Ark.

FRUIT AND DAIRY FARM—160 acres mostly level, 65 in cultivation, fifteen more can be cleared, ten in meadow; plenty of running water and pasture, balance in timber; a good seven-room house, two barns and out-building; two wells;

telephone; on rural route; eight miles to railroad station; a desirable dairy and fruit farm. Will sell crops and stock with place for part cash. J. W. Cromer, Route 2, Lamar, Ark.

FOR SALE OR LEASE—67 acres, under wire fence and cross fenced, ten acres of timber land, balance farm and pasture land, more than half of farm is valley land, four acres of strawberries and four of grapes set out this year; ten of meadow; nice nine-room house with well of water on kitchen porch; barns, chicken house, cement fruit house; a few bearing fruit trees and young fruit trees; house set in nice grove of shade trees, near canning factory and school, on state highway. Price \$4,000, suitable terms or will lease L. B. Holland, Wheeler, Ark.

BLACK LIMESTONE FARM—16½ acres black limestone land, five miles from railroad station, two miles to church and school; located on national highway; good improvements; fruit of all kinds. John A. Sweat, Sylamore, Ark.

SEBASTIAN COUNTY FARM—60 acres of land, three miles south of Fort Smith, fine for dairy, fruit and truck; 30 acres in cultivation, balance in fruit, grapes and pasture. Twenty acres with modern two-story stucco house; hot and cold water, steam heat, wired for electricity, eight rooms, good barn and cow shed; garage, city water; on carline. Twenty acres, three-room house, well. Ten acres unimproved. These several tracts of land may be bought together or separately; prices right, terms liberal. Dr. E. G. Epler, 703½ Garrison Ave., Ft. Smith, Ark.

SEVIER COUNTY FARM—240 acres, all in a solid body, ten miles west of Gillham, Ark., and Kansas City Southern railroad; about 20 acres open land, 40 to 60 acres good farm land; well timbered and will make a fine stock ranch; good hunting, on public road, automobile road; common buildings, nicely located. This entire 240 acres can be bought for \$720, some cash and terms on balance if desired. J. J. Roberson, Gillham, Ark.

MADISON COUNTY FARM—127 acres, 40 in cultivation, 20 acres creek bottom land, eight acres in meadow, two houses, two barns, a good stone cellar, good apple orchard, good water; consideration \$500 and assume indebtedness of \$1,100. Located near Huntsville, Madison county. A. D. Whitten, Truth, Ark.

NEWTON COUNTY FARM—80 acres on highway now being built in the Boston mountains, where we have free range; 60 acres in cultivation and pasture, good smooth land, five-room house, well in yard, springs, barn and other outbuildings, good fence, two miles from Fallsville; two small Jersey cows and young calf, two hogs, chickens, all farming tools, wagon, household furniture, 18 acres of growing crop, garden and truck. All for \$2,000 if taken at once. Ideal place for a store. I will take a good 1923 or 1924 car as part payment. Must be fully equipped; balance, terms to suit. My aged parents in California need me, that is the reason for this offer. Write J. W. Mosier, R. 2, Box 5, Fallsville, Ark.

A FARM BARGAIN—50 acres, 30 miles from Little Rock, three-fourths mile of Maumelle P. O.; one store, school and church within half mile, and one store across road from one set of buildings; two sets of buildings on place with a cotton gin; no other gin stands close. Power and water for irrigation; 30 acres of Maumelle bottom in cultivation, plenty of fruit for home use. Plenty of free range. A lovely place to live and absolutely the best buy in the country, all for \$2,500, \$1,500 down and balance to suit. T. Y. Powell, Thornburg, Ark.

IMPROVED FRUIT FARM—160 acres, located in Logan county, one and one-half miles to school; 100 acres in cultivation, 30 in pasture, 60 in timber; soil is sandy loam; fruit, corn and cotton the main crops; orchard of 4,500 trees; three wells and springs; six-room house, barn and cellar. Tract is wire fenced. Price \$5,000; possession any time. C. L. Sharp, Corley, Ark.

FARM IN FRUIT BELT—50-acre farm, crop, team, tools, and milk cows, six-room house, open hall, well on back porch, one in barn lot; spring branch in pasture; good barn, tool shed; 35 acres in crop, corn, peanuts, cane, beans, peas and cotton; one acre strawberries; four miles west

of DeQueen, on highway; near church and school. J. C. Brady, R. 1, DeQueen, Ark.

TIMBER LAND—224 acres of timber land in Greene county, no hills or rocks, near two railroad towns, church and school. Price \$9,600; \$7,600 cash, two years' time on \$2,000 at 7 per cent interest. Mrs. Dora A. Hipsher, Lawrenceville, Ark.

WASHINGTON COUNTY FARM—170 acres, 100 in cultivation, balance in timber and pasture; wire fenced and cross fenced; good hay, grain and fruit farm; near school, store and large canning factory and on good road; two sets of houses, barns and outbuildings; bearing orchard and three acres this year in strawberries. L. B. Holland, Wheeler, Ark.

MOUNTAIN TIMBER TRACT—Seventy-one acres of timbered mountain land consisting of oak, pine and hickory, enough of it to pay for land, three acres cleared and fenced, 30 more can be cultivated, fine for fruit of all kinds; this farm is located ten miles back in the mountains, 20 miles from Clarksville, the county seat; fine hunting and fishing; near Mulberry Creek along which is the county road; free range. Price \$400. J. T. Mays, Catalpa, Ark.

WASHINGTON COUNTY FARM—130 acres good north bench land, 60 acres in cultivation, four-room house, two barns and other buildings. A small orchard consisting of apples, peaches, cherries, grapes and three acres of strawberries. Located in Washington county, 16 miles south of Fayetteville, four miles northeast of Brentwood, one-half mile to store and postoffice, three-fourths mile to church and school; free range and free schools. Will take \$2,000. For particulars write M. C. Howell, owner, Wyola, Washington county, Arkansas.

EVERYTHING NEW ON THIS FARM—40 acres, one mile north of Healing Springs, Benton county; four-room frame house, two large porches, plenty of water, five acres grapes, bearing and three years old, two acres of strawberries, small barn, large poultry house. Everything new and in good repair, 20 acres in cultivation. Terms; price \$3,200, with crop and farm tools. Possession any time. Frank Gilpin, Healing Springs, Ark.

YELL COUNTY FARM—46 1-2 acre farm, near schools and church; R. F. D. passes house; good four-room house, fine water, good outbuildings. Write for further information. M. R. McConahy, Lock Box 32, Belleville, Ark.

CLEVELAND COUNTY FARM—On Pine Bluff and Warren highway, 38 miles south of Pine Bluff, 12 miles north of Warren. Good loamy land, 60 acres in cultivation; plenty of good water, four wells and two springs; improvements good; five-room dwelling, barn, three outhouses; place all under fence. School and church one-quarter mile from place. Healthy location; good orchard and garden. Terms: cash; price, \$1,500. J. R. Barrett, Rowell, Ark.

FRUIT AND BERRY FARM—80 acres of peaches, apples, raspberries, blackberries and grapes. For description and price write Roy Whitney, Garfield, Ark.

FOR SALE OR EXCHANGE—80 acres good timber land near Mammoth Spring, Fulton county. Fine for fruit or poultry. Will take \$800, or will take Ford car and give terms on balance. R. S. Porter, Nettleton, Ark.

FARM NEAR CUSHMAN—200 acres in Independence county, 2 1-2 miles from Cushman in the manganese belt. Good location for dairy, poultry, stock and fruit. Free range; 50 acres in cultivation. Two good springs, plenty timber, house and barn. N. W. Bullard, Fontaine, Ark.

LEVEL BLACK LAND—133 acres level black land, well located, no waste land; easy terms. P. O. Box 603, Dermott, Ark.

IZARD COUNTY FARM—140 acres, six-room house and basement; 10 acres orchard; bargain. Simon Hegner, Rodney, Ark.

SEARCY COUNTY FARM—88 acres on pike, three and one-half miles from county seat; 50 acres cultivated land; grapes, strawberries, raspberries and some young fruit trees; old orchard; excellent place for dairy; new three-room house, large chicken house, good water. Will sell for \$3,000, including crop, or \$2,750 and give possession January 1. Cora V. Copeland, Star route, Marshall, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVE STOCK FOR SALE.

Registered Duroc pigs, long body, big bone and dark red. If you are interested in larger and better Duroc write us. Hill Top Fruit and Poultry Farms, Harrison, Ark.

Herd of dairy cows; thirteen head registered Holsteins, Jerseys and half breeds. Will sell one or all at a bargain. One saddle mare and a team of mules. Stuart F. Britton, Traskwood, Ark.

Registered Toggenburg buck, three years old, 7½ qt. stock, price \$75, or will exchange. Lewis Stocker, Cave Hill, Ark.

Fifty-two milk goat does giving milk. More economical milk and cream than cows. Price \$250, R. D. Burdick, Hardy, Ark.

One registered spotted Poland China brood sow at a bargain. W. A. Daniels, Dermott, Ark.

Registered all black Percheron Stallion, three years old; weight 1500 lbs., will sell or trade for cows, any thing of equal value or a Ford car. W. A. Nichols, Siloam Spring, Ark.

Wanted—Pure bred Shropshire buck, give full description and lowest price, L. L. McCallister, Hanover, Ark.

Purebred, big bone Poland China pigs, nine weeks old, \$6 each. H. B. Loyd, Magazine, Ark.

Wanted—Cotswold rams, give description, f. o. b. and express charges to Pettigrew; or will exchange, I have only a grade, but a large choice one. J. Bodine, Swain, Ark.

Three Jersey male calves, four and six months old. Purebred-sired by a registered Van Pitt male from purebred but not registered. Price \$25 each. S. E. Martin, Franklin, Ark.

Jersey bull calf, eight months old. Subject to register, price \$35, f. o. b., H. K. Shelton, Fayetteville, Ark.

For Sale—Fifteen head of five-eighths Hereford heifers, or will exchange for grade dairy cattle. J. F. Drennan, Isaac, Saline County, Ark.

One 480-lb. pure-bred Tamworth sow Crated and delivered at the depot at Fayetteville for \$30; four years old. H. P. Finger, Fayetteville Lodge, Fayetteville, Ark.

One 18-month-old Shropshire Ram. Good shape and stock; 8 lbs. first shearing. H. P. Finger, Fayetteville, Ark.

POULTRY.

Brown, buff and white leghorns, cockerels and pullets, March hatch, \$1.50 each, also Hamburgs; some fancy bantams, red and white fantail pigeons. George E. Miller, Freedom, Okla.

Allen's active Ancona Cockerels hatched March and April; choicest ones at \$1 if taken before Aug. 15. Mrs. Avery Allen, Macon, Mo.

Standard bred White Leghorn cockerels, April hatched, \$1.50 each, satisfaction guaranteed. A few Ferris 300-egg strain, \$2 each; beauties. Clayton L. Jones, Rt. 1, Box 39, Slocumb, Ark.

S. C. Ancona hens, 20 at \$1 per head, pure bred, fine layers. Mrs. J. R. McFadden, McFadden, Ark.

Twelve weeks old, direct strain, Black Leghorns, cockerels, \$1.50 each; will exchange. Black Leghorn cockerels, 12 weeks old, for full blood Black Leghorn pullets about same age. W. H. Gordon, Belleville, Ark.

Wanted to hear from some one raising Cornish Indian Game chickens. I want to buy a cockerel. Write H. M. Gibbons, Dover, Ark.

Barron's S. C. White Leghorns, from my choice heavy laying hens mated to pedigreed cockerels, 300 to 312 egg line. March and April hatched pullets, \$1 each. Book your order soon. Mrs. E. B. Jackson, Route 3, Bentonville, Ark.

Black Langshan cockerels, \$2 each. B. D. Smith, Route 3, Box 108, Russellville, Ark.

Pure-bred White Wyandotte April cockerels, \$1 each, f. o. b. Greenwood if bought

by September 1. Mrs. Walter Rachels, Greenwood, Ark.

Thoroughbred silver-spangled Hamburg cockerels. S. J. Whiteside, Route 2, Box 98, Decatur, Ark.

Early, April hatched, Black Leghorn cockerels, direct strain, \$1.50 each. W. H. Gordon, Belleville, Ark.

Pure-bred Barred Rock cockerels of the E. B. Thompson and McDonald strains for immediate sale. Prices right. Write for bargain prices. Roe Mobley, Prairie Grove, Ark.

Two beautiful pure-bred one-year-old S. C. Rhode Island Red roosters, \$1.50 each; or will exchange for four young roosters, frying size, which can be used for breeding next year. Mrs. M. Donaldson, Paragould, Ark.

Canaries, \$6 per pair. Mrs. Claude Manus, Route 6, Paragould, Ark.

Fifty nice S. C. Brown Leghorn spring cockerels, \$1 each, parcel post paid. Ben C. Harris, Nola, Ark.

Two bronze turkey hens, one and two years, to exchange for 30 S. C. W. L. pullets, three and four months of age. Want only well developed five-point comb pullets. Mrs. S. E. Martin, Franklin, Ark.

Pound pullets and baby chicks, Barred Rocks, Buff Orpingtons, R. 1. Reds, Wyandottes, Buff, Brown and White Leghorns, Hamburgs—chicks \$11 per hundred; pullets and cockerels 50 cents each, all purebred. Mrs. Mildred Miller, Freedom, Okla.

S. C. Black Minorca cockerels, April hatch, \$1. Mrs. C. D. Hicks, Route 1, Box 34, Beebe, Ark.

SEEDS AND PLANTS FOR SALE.

Choice flower roots and bulbs to exchange for anything useful, or flowers not in my collection. Mrs. Gladys Bird, Petit Jean Mt., Morrilton, Ark.

Burr clover seed grown on Bayou Bartholomew farm, clear of all bad grasses; cleaned, sacked, ready for shipment, \$1 per bu., f. o. b. Gates Farm's Company, Dermott, Ark.

Recleaned Purple Top White Globe Turnip seed, 70 cents per lb. postpaid, in lots of five lbs. or more. Nichols Farms, Rockmart, Ga.

Hundred bushels Triumph Irish potatoes for eating or planting. Reasonable price. H. M. Gibbons, Dover, Ark.

For Sale—Seven-top turnip seed, 50 cents per pound. Mrs. Ellen Dillard, Route 2, Box 41, Amity, Ark.

MISCELLANEOUS.

One real fox and wolf hound, four years old, English and Walker breeding; she's right every way; guaranteed to please. First money order for \$25 gets her. 10 days trial. L. L. McCallister, Hanover, Ark.

Well bred fox and wolf hound pups for sale \$10 per pair or would exchange a pair for pure bred shropshire buck. L. L. McCallister, Hanover, Ark.

Two tree hound pups, four months old; red female and black male, full brother and sister. Also six bird dogs six weeks old. Pointers. Reasonable price if sold at once. Charley Garton, Sonora, Ark.

A Bosch magneto for a four-cylinder engine; in good mechanical condition; high tension. My price is \$20, c. o. d. E. G. Turman, Knobel, Ark.

Sassafras and Calamus root, any quantity. Charlie W. Williams, Box 125, Nashville, Ark.

Two new quilt tops. One heavy outing, price \$3. Other percale, price \$2.50. Both for \$5 by prepaid parcel post. Mrs. E. Wooley, Alto, Ark.

Edison phonograph to trade for a Ford car or would take \$75 cash for it; good as new; 60 records; machine and records cost \$116. Anyone who has a car in good running shape that would like to trade with me, please write. Henry Wilson, Dabney, Ark.

Vaughn's portable Drag Saw in first class mechanical condition, four horse power gasoline engine. Would like to trade for a pair of mules or would sell for cash. E. Wooley, Lepanto, Ark.

Almost new auto knitter, in perfect con-

dition, price \$25. Mrs. R. L. Sheffer, Route 1, Clarksville, Ark.

Two white rabbits, \$2 each. Pansy Taylor, Hardy, Ark.

An auto knitter as good as new, at a big reduction. Three cylinders and 10 lbs. yarn free. Mrs. E. U. Grubbs, Alabam, Ark.

School books; geography, fourth reader, arithmetic, speller and first reader. Mrs. Maggie Hall, Patrick, Ark.

Expert bee keeper wanted to work on shares. Equipment and dwelling furnished. Other work—poultry, strawberries, etc., if desired. Shady Home Farm, Bentonville, Ark.

Three good dogs; two fox gips, well broken on fox. Each two years old, \$25; One 14 month old dog, bred for tree dog, partly broken. Price \$15. Ralph Prater, St. Paul, Ark.

Wanted for Adoption: One girl baby, any age from six months to three years old. C. A. Brannon and wife. Box 78, Damascus, Ark.

One nice, untrained female hound of extra good breeding and a fine looker only \$7.50. G. W. Napier, Hutton Valley, Mo.

Wanted English Bull dogs for sale or exchange. R. A. Bettis, Quitman, Ark.

Red fox hound pups, English and Walker, cross, two months of age, \$7.50 each or \$12 per pair. T. L. Davis, Franklin, Ark.

Reed baby buggy with parasol, value \$10 for 25 five-point S. C. white Leghorn pullets 2½ or 3 months old or all wool double bed blankets. Mrs. J. Martin, Franklin, Ark.

Wanted—A share crop for 1925 in Pulaski or Saline county. Good land, clear of rock and stumps. Desirc to raise corn, principally. A. W. C. Gray, Greenbrier, Ark.

Will exchange new Auto Knitter for Standard bred White Wyandotte pullets. John N. Smith, Willow, Ark.

For Sale—1,000 to 1,500 pounds comb honey; also some extracted honey. Geo. E. James, Arkansas City, Ark.

Mill and cotton gins for sale or trade; one 20-horsepower boiler; 20-horsepower center crank Vim engine; one 70-saw gin stand and press; set 26-inch French burs; good property in good location; price \$1,000, time on part; will take young stock or small farm in trade. A. B. Carder, Route 1, Box 4, Elizabeth, Ark.

Black Locust nursery stock; will grow enough for fence posts in seven years; timber is everlasting; seed also for sale. J. H. Comstock, Box 414, Uniontown, Ark.

Seven tree hound pups. all red and white. Will tree at eight months of age; gentle. Prices \$8 a pair; \$5 each. W. B. Davis, St. Paul, Ark.

WANTED.

We are in the market for garlic. State quantity and quality and price wanted. R. Gerber & Co., 12 E. Kinzie St., Chicago, Ill.

A girl or woman in farm home or help in house work; four children; give reference. G. T. Jones, Box 14, Egypt, Ark.

FARMS FOR SALE

TRACT IN STRAWBERRY SECTION

—Five acres, one-half mile along Missouri Pacific railway, south of Kensett; taxes paid; title perfect; fenced, cleared, ready to plow; two and one-half acres new ground, one acre in strawberries, last year of tax, \$2.67 including H. K. & J. new pike. Harry A. Coard, Box 421, Kensett, Ark.

FARM BARGAIN—180 acres, good stock, poultry and fruit farm; good house and barns, reasonable price. Write for particulars. W. L. Raines, R. 2, Alpena Pass, Ark.

NORTH ARKANSAS FARM—40 acres in Fulton county, four miles from Hardy, fifteen to Mammoth Spring, free range, convenient water, plenty of fruit, improved, close to good school, excellent poultry, fruit and dairy farm. Price \$500. R. B. Burdick, Hardy, Ark.

TRACT NEAR HARTFORD—11 acres level land, one mile east of Hartford, good school near. H. A. Hummer, Box 70, Hartford, Ark.

WHITE COUNTY FARM—210 acres in cultivation, second bottom land and some first bottom; 130 acres in timber, part hillside land, some good for meadow;

large house, barn and other outbuildings; some fruit. E. E. Davis, Romancc, Ark.

FOR SALE OR TRADE—Four-room house, barn and two lots in North Jonesboro, six blocks from Union station, price \$1,600, terms. Also four vacant lots in Hunter, Ark., \$500, \$300 in trade; also 80 acres in Greene county, near Delaplaine, fairly good improvements, 35 acres in cultivation, fenced with wire, \$30 per acre; about \$500 in trade. Will take Ford truck or wagon and team, or good live stock of any kind. J. H. Butler, Black Rock, Ark.

FULTON COUNTY FARM—60 acres under fence, two-room house, good barn, well and cistern; 35 acres in cultivation, rest in pasture and timber, within 200 yards of store, postoffice, church and school. Price \$1,000. Aral Ellis, Agnos, Ark.

FARM NEAR CONWAY — 40-acre farm, nine miles from Conway, two and one-quarter miles from Vilonia pike; 16 acres in cultivation, six in meadow, three in pasture, 15 in timber; small house and barn and good well water. Price \$600, liberal terms. G. H. Watson, Conway, Ark.

OZARK TIMBER TRACT—160 acres on the Boston plateau of the Ozarks; mostly covered with timber, everlasting spring in 40 acre pasture. Reason for selling, old age. Price \$10 per acre. Terms. J. Bodine, Swain, Ark.

SEVEN HUNDRED DOLLARS BUYS THIS FARM—80 acres, ideal place to raise stock, poultry, fruit, berries, vegetables, timber and pasture; three-room house, barn and crib, plenty shade trees, near neighbors. Will accept a car on deal. C. H. Cobb, Belleville, Ark.

FARM AND FRUIT SECTION—121 acres, 70 acres in cultivation, seven miles from Benton, 30 miles from Little Rock; good fruit land, grows corn, cotton, oats, alfalfa, wheat and any kind of hay; has 200 bearing apple trees; good three-room house, close to school on R. F. D. route. Reason for selling is that I am not able to take care of it. Perfect abstract of title. I prefer cash, but will make terms if wanted. Robert L. Garrett, Route 1 Box 55, Haskell, Ark.

ATTRACTIVE FARM—60 acres, all level, 30 acres fenced with wire, plenty of timber, no rocks, 35 by 40 feet; barn, good garden, young orchard, seven-room house painted white, on pike road, rural route and telephone line; 2¼ miles to town; ¾ miles to school and church; large lawn with flower hedges and shade trees. L. J. Marine, Star Route, Beebe, Ark.

FARM IN BAXTER COUNTY—240 acres, partly improved, eight miles to railroad, one mile to school; suitable for fruit and stock. Will sell at bargain. J. C. Perry, Advance, Ark.

FARM NEAR MONTICELLO — 80 acres of land, seven miles south of Monticello; will sell to some one who wants a home here in Arkansas. L. M. Baldwin, Monticello, Ark.

FARM NEAR HEBER SPRINGS—1 have 40 acres, three miles from Heber Springs, on good road, 30 in cultivation, 10 in pasture, with living spring; four-room house, well on back porch, good barn and out-buildings, farm under hog wire fence. C. L. Goff, Route 1, Heber Springs, Ark.

HOUSE AND LOTS IN HATFIELD Five acres, large six-room house in Hatfield, up where it is high and dry. I have moved to Decatur and opened up a shop, so wish to sell my place. Will sell reasonable. Small payment down and balance on good terms. W. A. Blair, Box 112, Decatur, Ark.

NEWTON COUNTY LAND—200 acres, two miles south of Fallsville, one mile from school and church, two miles from store and postoffice on new highway from Harrison to Clarksville; 25 acres in cultivation, 15 or 20 in pasture, 40 acres or more could be cultivated, all good pasture land, three new sets of three-room houses; pure water, free range, suitable for stock raising; grows fruit, vegetables and grain; loam soil. Sixteen miles from railroad. Horses, wagon, harness, cattle, crop if wanted. Will sell or trade. J. L. Garland, Fallsville, Ark.

APPLE ORCHARD—400 apple trees, all good winter apples, well pruned and sprayed. H. Pahl, Bergman, Ark.

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ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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LITTLE ROCK, ARKANSAS

SEPTEMBER, 1924.

Everything in Readiness for Opening of Million Dollar State Fair on Permanent Site at Little Rock, October 6

By ROSCOE GILLASPIE, Publicity Superintendent

Do dreams come true? Certainly this question must be answered in the affirmative when speaking of the Arkansas State Fair, the Grand Formal Opening of which will be held this year, October 6-11.

For several years previous to 1924, some of the leading men in the state, among which are listed the present Board of Directors of the Fair, including Mayor Ben D. Brickhouse as president, have had visions of a permanent Fair, one that would be truly representative of this great Wonder State of ours. The dream has more than come true, for just a mile or so west of Little Rock is the material illustration of the dream in one of the most modernly equipped exposition grounds in the United States, erected at a cost aggregating one million dollars.

Directly following one of the most successful financial campaigns ever launched in the state, when three hundred thousand dollars was subscribed for a State Fair Building Fund in a week's time, when the list increased from a few loyal supporters to a roll of honor involving some two thousand names, then it was that the first steps were taken to actually fulfill the visions of the many. Construction work was begun early in May and from that time to this not a minute has been lost and consequently a site of two hundred and twenty acres of beautiful timbered land has been converted into a Fair-Park unsurpassed by any in America.

The location, planning and arrangement of the Fair-Park of the Arkansas State Fair, as the time goes by, gives evidence of even more thought and consideration having been given to it than was originally credited to those who promoted and planned it. In addition to the natural beauty of



Agricultural Building, Arkansas State Fair.

the site, it is accessible to both street car service and steam railway, within ten minutes' ride of the center of the city of Little Rock, the metropolis of the state.

Immediately upon the completion of the laying out of ~~thirty~~ ^{thirty} miles ~~thru~~ ^{thru} the Park, construction work was begun on ten of the major buildings, including the Agricultural, Automobile and Merchants' and Manufacturers' buildings, also the Live Stock pavilions, the Poultry building, the Women's building, the Public Safety building and several other smaller structures. Speaking in the main of the first three buildings named, the Agricultural, Automobile and Merchants and Manufacturers, their equal will only be found in the foremost exposition buildings of the leading fairs. Designed by the foremost specialists in State Fair architecture, following the Southern Colonial type, with exterior walls of snow-white stucco and roofing of deep red coloring, they offer a striking contrast to their surroundings. The immensity, refinement and splendid lighting facilities of the buildings can only be appreciated by actual sight.

The Agricultural building alone contains an exhibit space of twenty-five thousand square feet and is built in five sections which taken together measure three hundred and fifteen feet in length, over a city block. This building has been especially arranged to accommodate all

agricultural exhibits entered at the Fair, including county exhibits, community displays, the University exhibit and others of similar nature. To give an idea of the immensity of these displays the superintendent in charge of this department announces that a carload of apples will be shown in this building this year. Another feature will be an apiary exhibit of over two tons of honey.

The Automobile and Merchants and Manufacturers buildings, each with a floor space of eighteen thousand square feet, will contain this year exhibits and feature displays the like of which have never before been gathered under one roof. The local Automobile Dealers' Association is planning one of the largest automobile shows ever held in the state.

The entire park is practically level and there is cool shade everywhere furnished by the many large forest trees. This assistance of nature has been taken advantage of by the distribution of a thousand comfortable park benches over the grounds. A "White Way" has been installed assuring adequate lighting facilities. Possibly one of the most up-to-date features of the new Fair-Park is the "Fair City," which will take care of the thousands of visitors during the week of the Fair who come by automobile or otherwise desiring to camp out. In order to afford these visitors as many accommodations as possible,

the State Fair this year has provided this modern city of tents. Fair City will occupy a space of forty acres inside the Fair-Park with the Fair at the front door. This canvas city of outdoor comfort, with its many pleasures and profits, will be no greater expense than living at home for the same length of time.

As the time for the Arkansas State Fair approaches, the interest in horses and horse racing grows. No expense is being spared in the building of the new half-mile race track. When the Fair opens the 6th of October, everything will be in shape for the big race events and the people will be treated to the best sport that money and brains can supply, surrounded by environment which appeals to the best class of people; people who love the horse for what he is, has been, and for what he can do.

Fair visitors will find one of the best tracks in the South at the Arkansas State Fair Park. The track is built in a valley the exact size to allow a half-mile course. From the inner side of the track terraces will be cut extending down to the arena in the center, leaving the track protruding on a ledge. At no other fair grounds in the country is the topography such that an oval of this nature may be constructed. It will be seventy-five feet wide on the straight-away and sixty feet on the curves. The grandstand, bleachers and speed barns are now nearing completion.

Arkansas now has a State Fair in which the people may feel justly proud. It is an institution that ranks with the best in the country.

The date of the Fair is always the second week of October.



Exhibit Pavilion for Automobiles.



Merchants' and Manufacturers' Building.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



DISCOVERS DATES FOR KILLING TIMBER.

EDITOR THE BULLETIN:

I notice in your Bulletin that you tell how to mix poison to deaden timber. This is very dangerous. I do not use poison. This is the way I deaden timber: On the 21st and 22nd days of May I hack around the trees, just through the bark. This will kill the trees as quickly as the poison. It must be done on the dates named. J. B. McKenzie, R. 2, Box 88, Prescott, Ark.

NEW BULLETINS FOR ARKANSAS FARMERS.

Announcement is made by the Extension Service, College of Agriculture, 310 Donaghey building, Little Rock, of the publication of the following bulletins which will be mailed to any farmer in the state upon request:

- Soy Beans, circular 167.
- Growing Radishes for Market, circular 168.
- Destroying Peach Tree Borers, circular 169.
- The Cotton Worm, circular 170.
- Handling and Loading Grapes, circular 171.
- Canning Budget for a Family of Five for Six Months, circular 172.
- Labor Requirements for Arkansas Crops, circular 173.
- Arrangement of Kitchen Equipment, circular 174.

DIFFERENCE IN LESPEDeza.

EDITOR THE BULLETIN:

What is the difference between the new and much talked-of Korean Lespedeza and our well known Southern Lespedeza or Japan clover? Reader.

The two species are closely related and one can be distinguished from the other only by observing these points: The leaflets of Japanese Lespedeza usually are one-half as broad as long; the stipules are about one-half as broad as long; the pods are from two to two and a quarter millimeters long; the calyx lobes are acute, generally covering three-fourths or more of the pod. The leaflets of the Korean Lespedeza are usually three-fourths as broad as long; the stipules are in the same proportion; the pods are three millimeters long and the calyx lobes are obtuse, generally covering about one-half of the pod.

NEW REPORT ON INDUSTRIES OF ARKANSAS.

Commissioner Jim G. Ferguson of the State Bureau of Mines, Manufactures and Agriculture, has just issued a new report on the industries of the State, a directory of manufactures, with a list of every producing plant in the State, all conveniently classified.

"Three thousand one hundred and twenty-three factory whistles call to work every morning 58,202 workers," says Mr. Ferguson, "and from these establishments, in the building and equipment of which there is

invested \$138,817,000, there is turned out annually \$200,313,000 worth of products, of which there are 250 different kinds."

This book contains 174 pages and is full of information. It is a reference volume that should be on the desk of every farmer and business man, for it contains valuable information that is needed almost every day in the year. The report is now ready for mailing and can be had upon request.

ARKANSAS CORN CROP FIVE MIL- LION BUSHELS SHORT THIS YEAR.

From the present outlook the corn yield in Arkansas this year is going to be around 5,000,000 bushels short of our average crop. Unfortunately this deficiency in the supply of corn is not going to be made up by increases in any other feed crops. Hay is below the ten-year average and will be extremely short. There is a shortage of cowpeas and there is no increased acreage in other hay or forage crops.

This situation means that the farmers are going to have to buy large quantities of feed to meet their winter needs and it is alarming to note in this connection that the corn crop in the North is very spotted and prices will be around \$1.00 a bushel. With the freight added this will mean \$1.25 corn for the Arkansas feeder, which is too high for the farmer who has any considerable number of feed troughs to fill.

The hill country—that part of Arkansas west of the Missouri Pacific railroad and north of a line drawn from Malvern to Mena—has not so much to worry about as has Southern Arkansas, where in many localities the corn yield will not be more than ten bushels an acre, and in the valley counties of Eastern Arkansas where the wet spring delayed planting and the corn is badly burnt, but the country generally will be greatly benefited by a liberal planting of fall oats for grain and rye for pasture.

The planting of winter grain crops was strongly urged upon the farmers last fall, and wherever the crops were sown early enough good yields were obtained. In Arkansas county there are numerous reports of 36 bushels to the acre. Where there was winter damage, due to freezing and heaving of the soil, it was in cases where the crops were planted late.

The Arkansas farmer should go in strong for winter crops again this year and he should plant early. Feed is going to be scarce and high priced. It doesn't pay to buy Iowa corn and Kansas alfalfa unless we can get 35 or 40 cents for our cotton.

FOREST FIRE DAMAGE IN ARKAN- SAS IS HEAVY.

By CHAS. A. PLYMALE,
U. S. Forest Supervisor.

During the period from January 1 to June 30 of the present year, we suppressed 283 fires, of which more than 90 per cent were man-caused, on and adjacent to the Arkansas National Forest. These fires burned over 6,545 acres of National Forest

lands, destroying at least \$50,000 of actual and potential wealth in forest resources. The actual and potential timber resources destroyed by these fires would have been sufficient to have built 300 school houses, 600 commodious dwellings, and, if sawed into boards 1 inch thick and 12 inches wide and placed end to end, would reach from Memphis, Tenn., to Little Rock.

This is an amazing toll that the "Red Enemy" took, within six months, from a restricted area in Arkansas. These figures, viewed in the abstract, seem alarming, but listen to another chapter of Arkansas fire history:

During the six-month period from January 1 to June 30, 1923, we suppressed 323 fires. These fires burned over 20,487 acres of National Forest land, destroying approximately \$150,000 worth of forest resources. During the first six months of 1923, 40 more fires occurred than during the first six months of 1924, and the burned acreage and damage sustained were three times as great.

The people of Arkansas are beginning to realize that the future prosperity of the state is dependent in no small degree upon an adequate and enduring supply of forest products, and this realization is rapidly crystallizing public sentiment against the practice of woods burning.

BIG GRAPE MOVEMENT FROM ARKANSAS THIS YEAR.

Two hundred and sixty cars of Concord grapes, packed in four-quart baskets, were shipped from Arkansas points on the Frisco railroad from August 15 to 18. The carlot movement is given by stations, as follows:

Farmington	20 cars
Lincoln	5 cars
Prairie Grove	3 cars
Fayetteville, including West Fork	
Greenland, Elkins and Winslow..	10 cars
Johnsons	10 cars
Springdale, including Tontitown.....	175 cars
Lowell	20 cars
Rogers	5 cars
Bentonville, including Centerton....	4 cars
Garfield, including Pea Ridge.....	10 cars

Concord grapes produced in the Ozark territory are ready for market several weeks in advance of the older grape producing sections in the East and have already built up a reputation for quality.

Standard grading rules have been adopted by the various associations and shippers and every effort is being made to build up a reputation for Ozark grown grapes.

This industry is growing very rapidly and carlot shipments from this territory will greatly increase within the next several years.

OATS ONE OF THE BEST FEEDS FOR WORK STOCK THE ARK- ANSAS FARMER CAN GROW.

By T. ROY REID,

Assistant Director Cooperative Extension
Service.

Oats is a feed crop which can safely and profitably be grown to a greater extent in Arkansas. It is one of the best feeds for work stock that can be grown. The estimated yields of corn are low this year, the estimate being 470 millions of bushels less for the United States than was produced last year. The corn crop is reported as being late in the corn belt and it is feared that frost will fall before much of the crop is matured. This means that the price of corn will be high when next year's crops are being made. Feed can be provided to meet part of the needs for next season by sowing small grain crops, preferably oats.

Oats is a crop which can be fed either

as grain or as hay. The yield per acre of oats under good conditions often gives better returns than corn. The crop does not compete with cotton as much during the period of cultivation as does corn. Oats are usually harvested in Arkansas before the summer droughts come on. Fall seeded oats serve as a cover crop and prevent soil washing and the bleaching of valuable fertilizing elements during the winter season. Oats are usually harvested early enough in the spring to permit the planting of corn, cowpeas, soybeans or other feed, thus giving double returns from the land.

COTTON CROP IN ARKANSAS IS LOOKING BETTER.

By CHAS. S. BOUTON.

The condition of Arkansas' cotton crop on August 16 was 71 per cent of normal, according to the Crop Reporting Board of the United States Department of Agriculture, whose report was released on the 23rd inst. This report is transmitted through the Arkansas Co-operative Crop Reporting Service with the addition of comments and detailed figures by counties. The figure of 71 indicates an average yield of approximately 174 pounds of lint cotton per acre, and a total production of 1,112,000 standard bales. The final out-turn may be larger or smaller, as developments during the remainder of the season prove more or less favorable than usual.

In comparison with a month ago very great progress was made in north and northeastern Arkansas. Western, central and eastern Arkansas hold even, while southeastern and southern counties deteriorated in large measure. Southeastern Arkansas registered from 5 to 8 points decline.

Reports of weevil working, with number from each county reporting, were as follows: Crawford, (3); Franklin, (1); Sebastian, (1); Scott, (1); Johnson, (1); Independence, (3); Poinsett, (1); Grant, (1); White, (2); Desha, (1); Jefferson, (1).

Leaf caterpillar were reported from only three counties, Faulkner, Lonoke and White, but since the 16th, newspaper reports indicate the presence of the caterpillar in an additional seventeen counties. Crittenden, Mississippi and Lonoke reported red spider, and "too much rain" was reported from Clay, Craighead, Randolph and Independence. Reports of dry weather damage continued in practically all southern counties, and complaints also came from Poinsett and Jackson and the western counties bordering the Arkansas river.

The drought in the southern counties was partially broken by rain on the 16th instant. Improvement of the cotton crop is shown in twenty-eight counties, among them being a number of the heaviest producing counties of the state.

Reports also show an average of a little over 7 bolls per plant safe for harvest. These ran from 6 in north Arkansas to 9.6 in the southeastern group of counties; the difference in numbers being due to the difference in the maturity of the crop. The sandy pine counties of south central Arkansas reported an average of only 4.1 bolls per plant safe, thus reflecting the effect of the long dry spell in curtailing yields. In this section many bolls are opening prematurely. First bales are now being reported from many counties.

Two thousand acres of new planting is reported from the Nashville district, a large additional acreage on the Womble Branch, 900 acres on Crowley's Ridge and a good increase between Little Rock and Fort Smith on the Central Branch as well as scattered plantings in other sections, notably 350 acres of new planting at Benton.

Homeseekers Who Want to Buy Arkansas Farms

Charles A. Chester, Forgan, Okla., is looking for a fruit and stock farm in north-west Arkansas.

John C. Hummer, 1412 East Slauson St., Los Angeles, Calif., wants information about Newton county.

F. S. Schermerhorn, 514 Benton Ave., Excelsior Springs, Mo., wants to buy a small farm in Arkansas as soon as he sells his bakery.

C. E. F. Scheibel, 340 Locust St., Beloit, Wis., is looking for cheap land in the Ozark mountains.

W. A. J. Poplin, R. 1, Unionville, Tenn., wants to buy a dairy farm in tick-free territory so he can bring his stock from Tennessee to Arkansas.

Anyone having a farm to rent or sell should write to J. H. Baginski, Box 163, Woodward, Okla.

FARMS FOR SALE

CREEK BOTTOM FARM—80-acre creek farm; good fertile land; will grow most anything adapted to Arkansas soil. This land is worth \$20 per acre. I will offer, for 60 days, farm, crop of 15 acres corn, 7 acres cotton, one mare, 7 head cattle, 3 milk cows and 3 hogs, for \$1,500. Be quick. J. Shaver, Ben, Ark.

WASHINGTON COUNTY FARM—40-acre farm, 20 acres fenced, balance in good timber; house and barn, new; good well and spring; 60 large bearing apple trees, 15 cherry trees, 15 plum trees and six peach trees. Four miles from Evansville. Will take \$400 if sold soon. M. F. DeGee, R. 1, Cane Hill, Ark.

BENTON COUNTY FARM—20 acres near Healing Springs; 10 acres in cultivation; 300 bearing apple trees, early and late varieties; good four-room house with basement, small barn, chicken houses and other outbuildings. Good churches and schools and everlasting water. This is a bargain at \$1,250. R. A. Hamilton, Healing Springs, Ark.

POLK COUNTY FARM—160 acres three miles east of Hatfield; 50 acres in cultivation; five-room house; well in yard; barn and garden spot. One-half mile to church and school; farm and rent, \$4,500. Bob Miller, Hatfield, Ark.

VAN BUREN COUNTY FARM—80 acres, 30 acres in cultivation; five-room house and outbuildings; good water; seven miles south of Clinton on Little Rock highway; will sell for \$1,100 cash, or will sell crop, team, tools, hogs and cows for \$1,500. Jas. McGinty, R. 2, Formosa, Ark.

CLEVELAND COUNTY FARM—200 acres, 80 acres in cultivation; two sets of houses, three wells, one-half mile from school and church. Will trade for a small place near Little Rock. A bargain at \$15 per acre. N. L. Thomas, R. 1, Kingsland, Ark.

WHITE COUNTY FARM—280 acres, all fenced, 75 acres cultivated; two sets of buildings, orchard; five miles from Bradford, one and a half miles from church and school. \$2,500, or will trade for farm in north Arkansas or south Missouri. M. M. McCall, Bradford, Ark.

CALHOUN COUNTY FARM—105 acres, 60 acres in cultivation. Wire fenced and cross fences. Very good six-room house, one tenant house and barn. Priced to sell. Write J. K. Blann, Hampton, Ark.

LARGE TRACT NEAR GRAVETTE—1,991 acres, well improved, near Spavinaw creek; very low price and attractive terms; fine fruit land. U. G. Willis, R. 3, Gravette, Ark.

SEVIER COUNTY LAND—10 acres, unimproved, on public road, \$150; 20 acres adjoining, \$300; 40 acres, some fruit trees but unimproved, \$500; 80 acres, dwelling, some fruit trees, part cultivated, \$1,200; 160 acres, family orchard, part cultivated, \$2,000. Ideal for poultry, truck or general farming, three miles from shipping station. Good terms, possession any time. Maude Parker, R. 3, DeQueen, Ark.

VIRGIN TIMBER LAND—70 acres, black oak, hickory, ash and walnut. Good water, one-eighth mile to school; good pike. Will sell for \$700, and will consider a good Ford car. T. B. Reece, Big Flat, Ark.

FOR SALE OR EXCHANGE—34 acres, 15 acres in cultivation; all fenced with wire and cross fenced; near a sawmill. Will sell at a reasonable price or will trade for a small store. R. E. Goldman, Evansville, Ark.

GARLAND COUNTY FARM—30-acre farm on Shady Grove road, one-half mile from golf links; in excellent condition; all under cultivation; fine, rich soil; over 300 fruit trees, peaches, pears, apples, cherries, plums, mostly all over three years old, beginning to bear; 3 acres of berries, consisting of blackberries, dewberries and strawberries; 1,100 grapes; four-room house and barn; good spring. Price \$6,250; \$3,000 cash required. Balance terms. Reason for selling—need money in business. See O. H. Wilhelm, at Hot Springs Golf Club.

FAULKNER COUNTY FARM—80 acres, 30 acres in cotton, 15 acres in corn. New seven-room bungalow, good barn and outbuildings. Fine meadow and good water. 3 head of work stock, 3 head cattle,

5 pure-bred hogs, 100 poultry, wagon, harness, and all farming implements for \$4,500. H. M. McCready, R. 4, Conway.

CLEBURNE COUNTY FARM—80 acres, 25 acres in cultivation. One house, barn, good well, several springs, one-half mile from school and church. Good title. Price \$400. S. O. Files, Drasco, Ark.

NEWTON COUNTY FARM—120 acres, 50 acres cleared and fenced. Three-room house, smokehouse, springs. One mile from Deer school, postoffice and mill; one mile from Jefferson highway. Will sell all or part; terms. P. T. Toney, Deer, Ark.

LAWRENCE COUNTY FARM—60 acres, 50 acres cleared; on state highway, two miles from town. \$1,800. Also 80 acres, 40 cleared, with improvements. L. H. Moore, Smithville, Ark.

VIRGIN TIMBER TRACT—110 acres, 90 acres in virgin pine and oak; will sell or exchange for city property. T. J. Murry, Bearden, Ark.

COMPLETE FARM NEAR BEEBE—60 acres, level; fenced and cross-fenced with wire; 35 acres open; five-room house, barn; on pike; rural route and telephone; near good town, creamery, high school; 38 miles to State Capital; \$3,600; reasonable terms. J. M. Ratcliff, Beebe, Ark.

PAY TAXES FOR YOUR RENT—Will rent 90-acre farm for enough to pay taxes; 60-acres of good corn and cotton land. Southern Iron and Metal Co., Hot Springs, Ark.

FARM IN STRAWBERRY BELT—80 acres two miles from Bradford, five acres fine strawberry land; 66 acres in bottom; \$1,500; will take car or give terms. L. A. Callis, Bradford, Ark.

FINE UPLAND FARM—55 acres; 40 acres in cultivation; three-room house; barn and other outbuildings; small orchard; seven miles north of Ola; 3½ miles southwest of Centerville; near school. J. H. Lewis, R. 2, Ola, Ark.

FIVE DOLLARS AN ACRE—120 acres; 25 acres in cultivation; good soil; good water; log barn; two-room house; will take car in exchange. John Rommie, French, Ark.

CRAWFORD COUNTY FARM—60 acres; 35 acres creek bottom; five acres pasture; 30 acres good corn, cotton, truck and fruit land; farm equipment and livestock; three-room house; young orchard; hog-proof fences; five miles from Rudy; price \$2,000. I. N. Alexander, R. 1, Rudy, Ark.

NORTH ARKANSAS FARM—160 acres; 80 acres in cultivation; 70 acres bottom land; livestock and implements; all for \$3,250 with \$1,000 cash. Walter Rushing, Imboden, Ark.

POPE COUNTY TRACT—110 acres fine upland; five miles from Dover; one mile from hard road; two artesian wells; house, barn, two good cows, team of mules, implements, crops, all for \$4,000. A. R. Davis, R. 1, Dover, Ark.

FARM NEAR RUDY—80 acres of upland, fenced and cross-fenced; five acres of strawberries; one acre black berries; three acres bearing Elbertas; seven dairy cows; three heifers; one registered Jersey hull; new separator; fine pasture; 50 acres in crop; plow tools; four-room house; \$2,000. W. A. Valentine, R. 1, Rudy, Ark.

BLACK RIVER BOTTOM LAND—210-acres; 60 acres in cultivation; house, barn; on public highway; corn, cotton and hay land; splendid stock barn. J. A. Roberts, Biggers, Ark.

TWO SMALL TRACTS—Located on Little Rock-Hot Springs highway. J. W. Bacchus, R. 1, Benton, Ark.

TOWN PROPERTY IN HARRISON—Store building and five-room house on four good lots. Milton Powell, Harrison, Ark.

SHARP COUNTY FARM—187 acres cotton and corn land; half in cultivation; creek runs through farm; family orchard; plenty of timber; near town and school; five-room-house; six springs; \$12 an acre. C. W. Willshire, Center, Ark.

LARGE TRACT IN NORTH ARKANSAS—681 acres; 150 acres in cultivation; 100 acres fine creek bottom; 50 acres of upland; fine for corn, cotton and alfalfa; 250 acres fenced; creek through place; fine

virgin timber; good free range; white neighborhood; in the mineral belt; two sets of houses; price \$20 an acre. No incumbrances. W. R. Blagg, Center, Sharp county, Ark.

IMPROVED VALLEY FARM—80 acres; 40 acres fenced, 20 acres cultivated, 12 acres in pasture; four-room bungalow, painted and papered; good barn. Near school and church; 10 miles to Glenwood, 25 miles west of Hot Springs. Price \$1,000. Terms. Will sell tools and stock at bargain. Dave Wacaster, R. 2, Box 12, Bonnerdale, Ark.

INDEPENDENCE COUNTY FARM—81 acres; 14 acres in cultivation; two-room house spring water; 3½ miles to White river; 11 miles to Batesville. Price \$500. Will include team, wagon, farming tools, corn and oat crop, sorghum mill and six head of cattle for \$750. C. E. Rudisale, R. 1, O'Neal, Ark.

TWO OZARK TRACTS—One five-acre tract, fenced; five-room house; barn; cellar almost completed; 70 fruit trees. A bargain price. One three-acre tract, fenced; has medicinal spring. G. W. Bradley, Salus, Ark.

FAULKNER COUNTY FARM—65 acres; 35 acres in cultivation, remainder in pasture; four-room house and outbuildings; located on good public road; near church, school and store; daily mail. One hour drive to Little Rock in car. Write S. N. Arick, R. 1, Cato, Ark.

HOME IN SMALL TOWN—Nice four-room house in good town of 1,000 inhabitants; cistern and well; fruit trees; near depot and post office. Will include two good cows and other stock. A bargain. J. M. Nichols, Denning, Ark.

NEVADA COUNTY FARM—200 acres fair improvements; 6½ miles south of Prescott. Good place for stock, poultry and fruit; located in oil developing section. Price reasonable, with good terms. L. B. Stuart, Boughton, Ark.

UNION COUNTY FARM—60 acres; 35 acres open; 25 in small timber; five-room house; good barn; fuel houses; two wells; public road, in prospective oil field; near school, church and post office. Cash or terms. J. H. Stegall, New London, Ark.

FARM NEAR SEARCY—40 acres; six-room house; two large barns; garage; splendid land on rural route; near good school and church; nice young orchard bearing; good water. Price \$1,800. Mrs. J. D. Brandon, Searcy, Ark.

GOOD UPLAND FARM—79 acres including 15 acres creek bottom land; two houses and barns; garage; other outbuildings; three wells; seven acres timber and pasture; 1,400 Elberta peach trees, seven years old; four miles from Dardanelle on fine road; near church and school. George M. Dodd, Dardanelle, Ark.

IZARD COUNTY FARM—80 acres; 15 acres in cultivation; near post office, store, church and school; no buildings, but timber for all improvements and to pay for land. Free range. Cheap at \$500. Alhert Kinsey, Cook, Ark.

TWO TRACTS OF LAND—80 acres and 160 acres; all for \$1,600 or will divide to suit purchaser; good eight-room house; barn and outbuildings; near school and church; six miles from Scotland and 10 miles from Clinton, the county seat of Van Buren county; selling on account of old age; good water; 21 acres in cultivation in one tract and 11 acres in cultivation in the other; healthy location; this is a big bargain. E. E. Wilson, Gladys, Ark.

FRANKLIN COUNTY FARM—80 acres, very productive; three-room house; barns; other outbuildings; well and everlasting spring; near school and church. Price \$1,000. A. S. Bryan, Atkins, Ark.

WASHINGTON COUNTY FARM—160 acres; 40 acres in cultivation; six-room house; two barns; other outbuildings; two wells and six springs. Young orchard; good crop of hay, oats and corn; two horses and four mules; four head cattle; three hogs; all for \$3,500; near school, church and small town. J. G. Terry, R. 5, Box 51, Fayetteville, Ark.

STOCK AND DAIRY FARM—60 acres; 35 acres in cultivation; two-room house; barn; well; located in fruit belt of the Ozarks. A bargain at \$700. Will consider a good 1916 model Ford touring car as part pay. J. D. Melton, Higden, Ark.

FARM IN POPE COUNTY—92 acres, 40 acres in cultivation; three miles west

of Dover; near school, church and rural delivery; four-room house; barn; potato house; fruit trees; two wells; two springs; healthy location; price \$1,000. Will take Ford truck as part pay; with or without stock and crop. R. E. Leavell, Dover, Ark.

OZARK FARM—80 acres; 10 acres in cultivation; good timber; water and free range; four horses; three cows, seven hogs, wagon, harness and farming tools. All for \$1,500 if bought within 30 days. A. P. Morgan, Sitka, Ark.

SALINE COUNTY FARM—145 acres, fenced; 18 miles northwest of Benton; price reasonable. S. A. Wray, Bland, Ark.

RANDOLPH COUNTY FARM—72-acre creek farm; 35 acres cleared; on public road; near school and church; free mail delivery; six miles from Ravenden Springs, noted health resort. Price \$800, half cash, balance easy terms. James S. Smith, R. 2, Mammoth Spring, Ark.

FARM NEAR HEALTH RESORT—I have 40 acres, 30 in cultivation, 10 in timber; good barn, four-room house with well on back porch; out-buildings, orchard. All under fence. No special taxes, four miles from Heber Springs, health resort. Ed Owens, R. F. D. No. 1, Heber Springs, Ark.

IZARD COUNTY FARM—80 acres in Iazard county, 15 in cultivation, 25 fenced with wire, about 20 more can be cleared; small house, barn, chicken and smoke house, some fruit trees, plenty of timber, located in the good stock range country, near two good schools, two miles from railroad station and postoffice. F. Gillihan, Twin Creek, Ark.

HOME IN THE OZARKS—63 acres of farm land, five room house, barn, daily mail, school ½ mile, church ¼ mile; in a good neighborhood; 40 acres cleared; is fine valley land with some good timber, ½ mile of postoffice. Price \$1,000 or will take good Ford car on deal. J. G. Wells, Black Rock, Ark.

FOUR PLACES FOR SALE OR TRADE—(1) 158 acres, 100 in cultivation, on public road and mail route, six-room house, hall and porches, well on porch with pump; (2) Four-room house, deep well with pump, big barn nearly new, 50 by 60 feet, big lot, good well in lot with pump, nice location, one mile to school, postoffice and store. This place is worth \$25 per acre. (3) 80 acres, 60 in cultivation, good smoke barn, good well and pump, other out-buildings, right good four-room house, free hog and cattle range, Price \$25 per acre. (4) 110 acres, 45 in cultivation, good level timber land, two-room house, smoke barn, well, Price \$20 per acre. Will sell or trade for a stock of groceries in town or country or a rooming house in good town. F. C. Norman, Hickory Plains, Ark.

THREE FARM BARGAINS—52 acres near Nevada county oil field; three-room house with well and orchard; 25 acres in cultivation; seven acres pasture and 20 acres timber; also 60 acres seven miles from Stephens; six-room house; good barn and other outbuildings; also 80 acres in Saline county, near Benton; heavily timbered; also three-room house and vacant lots in good sawmill town. J. H. Rogers, Ogamaw, Ark.

SALINE COUNTY FARM—55 acres suitable for poultry raising or general farming; 20 acres bottom land in cultivation; good free range; new four-room bungalow; other buildings; young orchard; near school and church. J. E. Elliot, Alum, Saline County, Ark.

FOR SALE OR EXCHANGE—123 acres upland; 75 acres cleared; good five-room house, painted and papered; barn; other outbuildings; well; ten acres of peach trees; lots of barb wire; \$2,750. Would consider small improved farm in White or Jackson counties. A. N. Kerns, Gumlog, Ark.

CRAWFORD COUNTY FARM—20 acres with new four-room frame bungalow; 17 acres in cultivation; good barn; chicken house, etc.; 150 Elberta peach trees, 100 apple trees; three miles north of Alma, near public highway. Will include one pair of big mules, wagon and harness, one cow and all farm implements for \$1,500; half cash, balance on easy terms. C. L. Steinsilk, R. 5, Alma, Ark.

FOR SALE OR EXCHANGE—165-acre hill and branch bottom farm in Randolph county; will exchange for smaller farm. W. J. Bellah, Hamil, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVESTOCK FOR SALE.

For Sale or Trade.—One Percheron stallion and two good jacks. All are gentle and good breeders. What have you to offer? L. T. Horn, Springdale, Ark.

One good registered jack, black and white points, 14½ hands high, 950 pounds. Will sell or exchange for the best offer or a good stallion. M. B. Goodman, Alf, Ark.

Thoroughbred registered Duroc pigs, long body, big bone, dark red fellows. Hill Top Fruit & Poultry Farms, Harrison, Ark.

One registered Jersey bull, about 20 months old. Registration papers. W. J. Rudisale, R. 1, O'Neal, Ark.

Registered Jersey bull. Eminent breeding and good breeder. Two years old. Priced to sell and satisfaction guaranteed. Walnut Grove Stock Farm, R. 4, Siloam Springs, Ark.

Four big bone Poland China gilts, satisfaction guaranteed; pedigrees furnished. \$30 each, bred. J. L. Boddie, R. 3, Ruston, La.

One registered Holstein bull, three years old, from a five-gallon cow of the very best strain; good individual; priced to sell. J. E. Cook, Mist, Ark.

WANTED.

Bunch of pure bred cattle to keep or raise on shares; will pasture cows during summer months at \$1 per head; plenty of grass and pure water; if milk cows will see to marketing of milk on 50-50 basis, owner to furnish dairy equipment. Phone Gay, Nelsonville, Ark.

Female pointer John Proctor breeding, points steady to wing; nice, tender retriever; whelped December 3, 1922; will exchange for automatic shotgun or bulldog pup of good breeding, either sex; or \$35 cash. N. L. Cook, Parks, Ark.

Will buy leaf tobacco for smoking and chewing; submit sample and price. V. J. Andre, Morrilton, Ark.

POULTRY FOR SALE.

Extra fine large Ancona cockerels, 10 weeks old, from good laying strain. Price 50 cents in lots of two or more; 75 cents single birds. Mrs. C. F. Krauss, R. 4, Green Forest, Ark.

A few choice White and Buff Leghorn cockerels and three Silver Spangled Hamburg cockerels, 75 cents each. M. M. McCall, Bradford, Ark.

Allen's Active Ancona cockerels, from \$1 to \$10. Eggs \$5 per 100. Mrs. Amy Allen, Macon, Mo.

Flock of choice pure white Runner ducks, old and young. For quick sale, \$1.25 each. P. R. McBride, Lebanon, Mo.

White guineas, \$3.50 a trio; roosters \$2 each and hens \$1 each. Canary birds, \$5 a pair, fine singers. Mrs. W. T. Anderson, R. 5, Rogers, Ark.

S. C. White English Leghorn Barron strain young chicks, pullets and cockerels; one year cockerel, \$2. Mrs. Mary Craig, Guion, Ark.

Barred Rocks, S. S. Hamburgs, Wyandottes, Red and Buff, Brown and White Leghorns; some Indian Runner ducks and Toulouse geese. Reasonable. Also some Bantams. G. E. Miller, Freedom, Okla.

Barred Rock cockerels; all prices advanced five days after issue of Bulletin. Roe Mobley, Prairie Grove, Ark.

Buff Rock hens, \$1; roosters, \$4 each. Mrs. G. D. Ratliff, Box 84, Dumas, Ark.

Single comb White Leghorn hens, heavy winter layers, \$1 each. Mrs. R. C. Orr, Green Forest, Ark.

A limited number of Buff Orpington and White Orpington cockerels. April hatched from prize-winning stock, \$1 each, f. o. b. Harold J. Brashears, Delancy, Ark.

Purebred Buff Leghorn cockerels; March hatch; price \$2 each. Mrs. J. R. King, Alto, Ark.

Rocks, Reds, Wyandottes, Leghorn, Anconas, Brahmas and fancy Bantams; pullets, cockerels and hens. C. E. Miller, Freedom, Okla.

Twelve S. C. White Leghorn hens and one rooster. Price \$10, f. o. b. Russellville. A. N. Kerns, Gunilog, Ark.

Wanted to exchange three purebred Brown Leghorn cockerels for the same number, pure bred and same breed. Mrs. W. P. Morgan, R. 1, Box 50, Dumas, Ark.

Purebred White Chinese and African geese; price \$5 per pair. Mrs. Addean Fullilove, R. 7, Hot Springs, Ark.

Fifty cross-bred Pit game hens of leading breeds; guaranteed to be pure. M. Donaldson, R. 6, Paragould, Ark.

White Leghorn cockerels, Ferris 265-300 egg strain, \$2.50 each; White Indian Runner ducks, \$2.35 each; drakes \$4 each. Morton Reichardt, Marvell, Ark.

Buff Orpington ducks and Partridge Plymouth chickens; both young and old stock. Sunny Slope Farm, Stillwater, Okla.

MISCELLANEOUS.

Two hundred and fifty colonies of bees in modern equipment; first-class condition. James Johnson, Pocahontas, Ark.

Three five-months-old black and tan tree hound pups. Price \$7.50 each, or all for \$21. Joe F. Mons, Atkins, Ark.

Arkansas hunting hounds, Greyhounds, collies, live coons, foxes, wolves, etc. Buy and sell. W. B. Caraway, Alma, Ark.

New quilts.—gingham, \$7; percale, \$5, by prepaid parcel post. Mrs. Sallie Milam, New Edinburg, Ark.

Fox and tree dogs, trained and untrained. State your wants. H. O. Moore, Dover, Ark.

Pair of well-bred coon and possum dogs, six-months old, untrained, male and female. The pair for \$10. W. B. Pierce, R1, Judsonia, Ark.

A Gearhart standard knitting machine; 10 pounds of yarn, \$40. Bromley Sullivan, Calamine, Ark.

Winchester rifle, 32-20, 1873 model, good as new. Price \$10 or will exchange for best offer. M. M. McCall, Bradford, Ark.

One hundred tons choice Timothy hay f. o. b. cars Doniphan, Mo. Price \$20 per ton. W. W. Martin, Doniphan, Mo.

New moving picture machine, complete with eight reels of films; will sell or trade for good Ford car or anything I can use. T. T. Mooney, Star Route, Atkins, Ark.

Apples—My new crop, both green and dried, now ready. Write for prices. Bern Carlock, R. 2, Springdale, Ark.

One Bosch magneto for a four-cylinder engine, in good condition; \$20. E. G. Turman, Knoble, Ark.

Trained hunting dogs for sale, also pups and youngsters. G. W. Napier, Hutton Valley, Mo.

Sawmill, oil engine, corn burs, crusher, planer line shaft, belts, pulleys; bargain. G. W. Bradley, Salus, Ark.

Dill seed to exchange for hot red pepper in pod, or for sage, or for flower seed and bulbs, or 10 cents per packet. Holland Gordon, R. 1, Belleville, Ark.

Farm outfit—Four good work mules, two wagons and two sets of harness; two cows and calves; 15 head of hogs; farming tools; one buggy; 12 acres fairly good corn; four acres sorghum hay; will sell cheap. J. E. Elliot, Alum, Saline County, Ark.

Good second-hand 20 h. p. gas engine; also good bandsaw. Would like to get in touch with some reliable dealer in hickory spokes, rims and dimension material. J. B. Goots, Copeland, Ark.

Airedale pups, 6 months old; good hunters and trailers; \$5 and \$10 each. Sunny Slope Farm, R. 1, Stillwater, Okla.

Some good hunting hounds; priced right. G. W. Pearson, Gaston, Ark.

SEEDS AND PLANTS FOR SALE.

Tulip, daffodil and jonquil bulbs, 25 cents a dozen, prepaid. Mrs. E. V. Chapman, Box 82, Flippin, Ark.

Choice Fulghum seed oats guaranteed free of Johnson grass seed, \$1 a bushel. W. A. Daniels, Dermott, Ark.

Winter turnip seeds, 50 cents per pound f. o. b., no order less than half pound. A. M. Hyman, Box 146, Banks, Ark.

SEED WANTED.

Beardless Red May wheat. H. C. Short, Bluffton, Ark.

NEARLY FIVE HUNDRED CARLOADS OF ARKANSAS CANTALOUPE.

In the 489 cars of cantaloupes handled by the Missouri Pacific from Arkansas during the season just passed, there was every evidence of more careful grading and packing. The Missouri Pacific railroad company, through its Agricultural Development Department, is co-operating directly with the shippers in perfecting improved loading conditions.

This year's Arkansas cantaloupe crop was one of the most successful in the history of the state, and the quality of the melons was of the very best. Study of the Arkansas melons upon arrival at market has shown them to be best suited to the demands of the consumers, and sugar tests made in the fields have been very favorable to the Arkansas varieties.

The 489 cars handled by the Missouri Pacific this season originated as follows: Van Buren, 68; Hope, 10; Arkadelphia, 8; Alma, 7; Washington, 5; North Little Rock, 1, and Prescott & Northwestern railroad, Blevins District, 390.

It is expected the acreage and yield will be materially increased next year, the statement concludes.

CAREFUL PICKING PUTS QUALITY INTO THE COTTON.

The value of cotton is determined primarily by its grade. Grade is affected by the amount of leaf, dirt, and other extraneous matter, color of fibre, and the manner in which the cotton is handled in the fields and through the gins. Growers should see that their cotton is carefully picked and kept as free as possible from trash and dirt. Mildewed or half rotten bolls should not be picked and put in with good cotton.

Pickers should not be allowed to gather cotton off the ground and put in with good cotton. If there is much cotton on the ground or mildewed, half rotten, or otherwise of poor character, it should be separately handled and put in separate bags.

It is better to make one small bale of low grade cotton than to spoil a whole crop by mixing in a little bad with the good. If even a small quantity of low grade cotton is found in a bale of otherwise good cotton, the whole bale is likely to be classed as if it were all low grade cotton.

Cotton should not be picked too soon after a rain or too early after a heavy dew. Ordinarily it is best to have the picking bags emptied on sheets in the sun so that the cotton can dry out before it is ginned.

Seed cotton should not be stored in contact with the ground or on concrete floor because moisture in the ground or in the floors will be soaked up by the cotton on the bottom and may damage the whole lot when it is ginned. Seed cotton should be stored under shelter and, if possible, on a wooden floor off the ground.

If the cotton is dry, the ginning is facilitated and the grade and the character of the cotton are better. The ginning of damp cotton is the principal cause of what is known to the trade as gin-cut, and the dampness is likely to result in deterioration of the staple after it has been baled. Even if only a small portion of the seed cotton is damp, if it is allowed to go through the gin with good cotton, it may give the whole lot the appearance of being poorer in character than it really is.

Careful attention to these matters means dollars in the selling price of the cotton.

MORE INQUIRIES FOR ARKANSAS FARM LANDS.

C. D. Loehr of Eureka Springs is in quest of a location for a saw mill where timber land can be bought in small lots. A hardwood tract is preferred in the hill country of northern and western Arkansas.

John Hunt, 925 West Oakland Ave., Indianapolis, Ind., wants to buy a good farm in Arkansas and asks that the owner state price and terms. He wants to come to Arkansas this fall.

C. M. McCarty, St. Paul, Ark., wants to trade for an Arkansas farm.

D. A. Downie, Yellow Pine, Ala., asks for information about Lawrence and Greene counties. He is looking for a stock farm.

Edward Beddor, Ahquaching, Wis., wants to change his postoffice to one that is more easily spelled and is thinking of coming to Arkansas.

Aaron Brown, Beal Route, Van Buren, Mo., writes for literature about the state.

Augusta DeLhorbe, Oregon, Ill., wants to know if the ten-dollar-an-acre land he sees advertised in Arkansas is suitable for sheep grazing.

Peter W. Rieth, Box 23, Woodward, Okla., wants to buy or rent a good farm in Arkansas.

I. I. Shannon, 405 S. Fourth street, McGehee, Ark., is a railroad engineer who wants to find a location as high up in the mountains as he can get.

Ernest Smith, Des Moines, Ia., asks for information about farming conditions in north Arkansas.

Lee C. Sprague, R. 1, Box 174-A, National City, California, is looking for a location for a farm and grist and flour mill in northwest Arkansas.

Luther Whitehead, Glen Allen, Ala., makes inquiry about public land in Arkansas.

R. A. Snyder, Dade City, Fla., wants to trade for a farm in the apple-growing district or hill section of Arkansas.

MORE FARMS FOR SALE

IMPROVED FARM—120-acre farm in Searey county; six miles east of Leslie; good four-room house, barn and other outbuildings; two wells; two springs; 40 acres in cultivation. Will sell cheap for cash. Julia D. Holeck, Elberta, Ark.

PRAIRIE COUNTY FARM—120 acres; 75 acres in cultivation; balance in good timber; well fenced; good six-room house; barn and other outbuildings; orchard and strawberries for family use. H. C. Patton, R. 1, Wattensaw, Ark.

BARGAIN IN ROUGH LAND—200 acres hardwood timber at \$1.75 an acre; clear title. George W. Harris, Leslie, Ark.

HOME IN SMALL TOWN—Four and one-half acres in thriving village of 300 inhabitants; good four-room house; smokehouse, barn and other outbuildings; good cistern; garden and family orchard; one-quarter mile to postoffice, high school and church. J. I. Jones, Western Grove, Ark.

FOR SALE OR TRADE—120 acres 30 fenced; 27 cultivated; some fruit and strawberries, new buildings; two miles from railroad and postoffice; one-half mile to school. For quick sale \$1,800, or will take 40 acres partly improved anywhere near railroad. Al M. Suchanek, Elba, Ark.

STONE COUNTY FARM—160 acres at \$8 an acre, crops included. For further information, write J. Robitaille, Melrose, Ark.

FOR SALE OR TRADE—125 acres in Pope county, all under wire fence; cross fenced; 85 acres in cultivation; one mile from town and one-half mile from school; house, barn, orchard, good meadow, three wells and everlasting spring. Will sell or trade for small business, truck or poultry farm; part cash and easy terms. T. T. Mooney, Atkins, Ark.

PERRY COUNTY FARM—20 acres, 15 acres in cultivation and fenced; three-room house; potato house; other outbuildings; two hundred fruit trees; near state highway; near school and church; two miles west of Adona; \$600 or good trade. J. A. Hamilton, Adona, Ark.

BAXTER COUNTY LAND—65 acres platted, in Norfolk, on White and North Fork rivers; beautiful building sites; stone quarry; spring; creek; new bungalow; barn; black valley also rough covered with timber; 40 acres improved; near by; will sell all or any part, good terms. Will trade for southern Mississippi or Arkansas land. Mrs. M. L. Chamberlain, Gulfport, Miss.

MARION COUNTY FARM—145 acres ridge and bottom land; 80 acres under fence; forty acres in cultivation; five-room house; barn, blacksmith shop; other outbuildings; apple, peach and cherry orchard; good range for cattle; near school and railroad town; \$25 an acre; will sell crop and stock; selling because of old age. H. J. Park, Buffalo, Ark.

RIVER BOTTOM FARM—298 acres fenced; 80 acres on Little Red river; never overflows; in Van Buren county near Shirley; railroad through farm; will grow anything grown in Arkansas; price reasonable. R. E. McCurry, Box 64, Shirley, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

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LITTLE ROCK, ARKANSAS

OCTOBER, 1924.

Millions of Acres of Rich Land in Arkansas Could Be Improved by Tile Drainage

THERE are five million acres of land in Arkansas in need of tile drainage. More than a million acres of this is on cultivated farms—a low place here and there in the field or meadow that lays its toll year after year upon the toiling farmer's meager income. The low places will never produce profitable crops until they are made dry and the only way they can be made dry is to



How the Drain Tile is laid. Stream of water helps the farmer engineer the job to give the necessary gravity flow.

string a line of clay tile underneath the surface soil or seedbed. This can be quickly and cheaply done by the farmer himself and the best time to do the job is after the crops are gathered and before the winter weather sets in.

If there is a county agent he will help the farmer locate the lines for putting down the tile. If there is no county agent the farmer can do it himself. If he has time he can get from the State Experiment Station at Fayetteville, and from the U. S. Department of Agriculture at Washington, D. C., some bulletins that will be immensely helpful.

A tile drain under the wet field is as necessary as a fence. In Illinois and Indiana practically every farm is tile equipped. Water is not permitted to stand upon the surface where the soil is wanted for the growing of

crops. The farmer gets rid of the intruding moisture just as he would get rid of a hog that had rooted under his fence—he chases it out.

It is wonderful how easily a bog or a sag can be made dry and how the crops will grow after the soil is drained. Some people think it is not worth while to drain a wet place in the meadow or pasture. That is a mistake. If it is an alfalfa or clover field, the crop will not stand wet feet. If it is grass or timothy the yield will be much bigger if there is no excessive moisture.

A line of tile will do the work. The place to begin is at the low point and ditch to an outlet where the water can run off by gravity. Laterals should be laid off to afford all of the wet area sufficient drainage. The farmer's judgment usually guides him right in the dis-

tribution of the tile. Once laid, if the job is correctly done, the drainage problem is solved for all time to come and there will be no more wet places in the field, no more yellow spots in the alfalfa, no more sickly corn stalks, no more backward rows of cotton.

There are several plants in Arkansas that make an excellent clay tile. This material can be shipped economically only in car lots. If the farmer does not need a car load of tile it would be well for him to go in with some of his neighbors and purchase in quantities so as to get the best price and lowest freight rate.

In laying a string of tile the ditch should not be filled until it is tested, as the man in the picture is testing his ditch, by seeing if water turned into the ditch at the highest point will flow freely to an outlet and

entirely off the premises. This is really an engineering job but it can be done by the farmer with a little care and common sense.

Drainage in Arkansas is not confined to the overflow lands where great ditches are dredged to carry away the surplus water. It is a problem for any farmer who has a wet spot on his place. The little clay tile will do for the upland farmer just

what the big drainage canals are doing for the farmer in the river bottoms. No farm can be thoroughly equipped unless it is tile drained. No farmer can produce crops at a profit if he is trying to cultivate water-soaked soil.

A line of tile will sometimes be helpful to the home premises or to the barn yard, which during the rainy season gets wet and sloppy. A muddy cow lot is often the cause of unclean milk, and pools of water standing about the house breed mosquitoes and invite disease. These unsanitary places should be drained. An open ditch will not do the work so well as the underground clay tile, which is easily laid and not at all expensive when compared with the benefits derived. The tile drain is a good investment for any farmer with wet land.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



OCTOBER REPORT ON CONDITION OF ARKANSAS CROPS

Cotton

The conditions of Arkansas' cotton crop on October 1 was 58% of normal, according to the Crop Reporting Board of the United States Department of Agriculture, whose report was released on October 8 and transmitted through the Arkansas Co-operative Crop Reporting Service. The figure of 58% indicates a yield per acre of 167 pounds of lint and forecasts a total production of 1,068,000 bales. This is an increase from the estimate of two weeks ago of 12,000 bales. The condition figure of September 25, 1923, was 50%. September 1, 1924, 66%. September 16, 1924, 59%. The average change in the thirty day period is eight points, or one more than the ten year average.

Complaints of insect damage are very few, the thing most feared being cool weather. The causes tending to shorten yield that were most frequently mentioned were poor stands and drouth.

Bolls safe per plant show an increase over the report of two weeks ago, and a practical equality of a month ago when it was given at 8. This is true in every district.

Ginnings prior to October 1 amounted to 227,010 bales. Ginnings on Sept. 25, 1923 amounted to 48,738 bales. In September 1922 they amounted to 281,000 bales, or 27% of the final amount ginned. The crop that year was further advanced than any other year of which we have record except 1916.

Corn

September rains brought a slight improvement in the condition of Arkansas' corn crop by increasing the yield of late corn. The condition figure is now 66, which forecasts for the state an average yield of 16.7 bushels per acre and a production of 36,740,000 bushels. This is far less than the states' requirements, and the deficiency must be made up by purchase of high priced grains, and by the production of early spring grains like oats. Low grade rice can be substituted to some extent, price permitting.

Rice

A condition of 86% forecasts a yield of 45.6 bushels per acre and a production of 7,019,000 bushels.

Apples

A condition of 66% forecasts a total production of 3,630,000 bushels, and a commercial crop of 798,600 barrels. Up to October seventh, 1264 carloads, making perhaps 40% of the carlot movement, had been shipped.

Irish Potatoes

The condition of 61% forecasts a yield of 62 bushels per acre and a production of 2,232,000 bushels, including both fall and spring crops.

Sweet Potatoes

The condition of 65% indicates a yield of 81 bushels per acre and a production of 3,159,000 bushels. Last years' crop was 3,800,000 bushels.

Milk Production

Reports on milk production show an average of 4.4 gallons per farm reporting. The indicated average per cow milked is 1.70 gallons per cow, which compares with an average of 1.57 gallons a month ago.

Hay

Hay quality is reported at 80 for tame hay and 77 for wild.

ALFALFA: A condition of 77% forecasts an approximate production of 190,000 tons.

Pasture

The condition figure of 70% shows an improvement of nine points over the figure of a month ago.

Grapes and Pears

GRAPES: Condition is reported at 80% or two points higher than a month ago. The only conclusion that can be drawn from this figure is that a full crop this year would have been 300 carloads, but the actual number shipped was 239.

PEARS: The condition is reported at 70% the same as a month ago.

Sorghum and Sugar Cane

Sorghum at 65 shows no marked change in the forecast of 1,800,000 gallons.

Sugar cane at 50 and velvet beans at 58 both of which are grown mostly in the southern part of the state reflect the drouthy condition that prevailed there until September.

Cow Peas and Soy Beans

Reports indicate that the acreage harvested for grain of cowpeas as compared to last year is 80%, or the equivalent of 36,000 acres. Cowpea hay promises 1634 pounds per acre and soybean hay 2,105 pounds. Sixteen per cent of soybeans are for grain, 60% for hay, and 24% for grazing and soiling.

Peanuts

A condition of 66% indicates a yield of only 574 pounds per acre, and a probable production of 9,187,000 pounds.

Pecans

Pecan condition is the same as a month ago, or 60%.

Farm Labor

Reports on farm labor show that supply compared to normal is 86.6% and demand compared to normal is 84.2%.

FEDERAL-STATE SHIPPING POINT INSPECTION FOR FARMERS IN ARKANSAS

By EDGAR A. HODSON, Marketing Agent.

The Agricultural Extension Service, College of Agriculture, University of Arkansas, perfected arrangements with the United States Board of Agricultural Economics in 1923 for conducting shipping point inspection service for fruits and vegetables in Arkansas. This service is conducted on a self-sustaining basis and the inspection fees collected cover all costs in connection with the service, and for this reason it is necessary to have at least fifty cars guaranteed from one shipping point before the service can be established. In the past it has been found that \$5.00 per car will cover the cost of the service, although in some cases where a large volume of business is

handled it has been possible to render the service for a little bit less.

Inspection of Fruits and Vegetables Grows.

Federal inspection of fruits and vegetables increased more than 50 per cent during the past fiscal year, according to reports now being compiled by the Bureau of Agricultural Economics. Federal food products inspectors handled 127,354 cars of produce at shipping points and 29,283 cars at receiving points, compared with 72,465 cars at shipping points and 28,169 cars at receiving points from July 1, 1923, to June 30, 1924.

The shipping point inspection service was established in 1922 under an amendment of the congressional authority for the Food Products Inspection Service, and is conducted in co-operation with state marketing officials. Inspection is now provided for in 35 states under joint agreements with the Bureau of Agricultural Economics, the inspectors being employed by the State and licensed by the Federal bureau. Inspections are made for shippers, dealers, railroads, and other factors interested in specific transactions, a small charge being made for inspection. Joint Federal-State certificates are issued attesting the quality and condition of the products.

Demand for Extension of Service

Shipping point inspections were made for the first time last year in Arkansas, Arizona, Alabama, Delaware, Illinois, Indiana, Kansas, Louisiana, Mississippi, Nebraska, Nevada, North Carolina, Pennsylvania, Texas and West Virginia.

Facilitates Selling and Cuts Costs

The shipping point inspection service is said to be producing far-reaching economic effects in the fruit and vegetable industry. Production methods in many districts have been profoundly affected by the emphasis laid on proper grading and standardization by the inspection officials, and the certificates issued have been found a new and satisfactory basis for pooling by organized growers. The shipper is furnished a new basis upon which he can offer his product to the purchaser in the distant markets and has in hand when the car leaves his station prima facie evidence of good delivery. The purchaser, on the other hand, is given a new method for specifying exactly what the shipment shall be, and if he buys demanding "Government certificate attached to bill of lading" he is sure that an impartial agency has passed upon the quality of the goods which will be shipped.

Enterprising business men who have capitalized this situation have established auctions in eastern and western cities, the sole business of which is to sell cars in transit on the strength of the Government inspection certificate. The auctioneer in Pittsburgh, for instance, has in hand a telegraphic summary of the result of the Government inspection on a car of California products which had left the shipping point the evening before.

The car is offered for sale on this description, and the buyers purchase on a f. o. b. shipping point basis. The car is sold, purchase price is transmitted to the shipper by wire, and the transaction is completed within 48 hours after the car is loaded. The car proceeds at once to its destination without indirection or delay, although neither auctioneer nor purchaser has ever seen even a sample of the goods. On the first 500 cars of California cantaloupes thus sold there was a net saving in commission to the shippers of 10 per cent of the f. o. b. price of the goods.

MANURE, LIME AND LEGUMES ARE NEEDS OF FARM LANDS

"One of the greatest needs of agriculture in America, as I see it, is a more general practice of saving and applying barnyard manure, the using of lime to sweeten the soil so that leguminous crops may be grown and the following of proper crop rotations," says Sir John Russell, noted English scientist and director of the oldest agricultural experiment station in the world.

"The English farmer was forced to adopt these practices long ago because of the limited acreage of farm lands. Farmers of the United States have now reached the point where they must begin to bring back into profitable production millions of acres of land which were sapped of their fertility by former generations who had new lands

to turn to when a field failed to produce a profitable crop. The farmer no longer has this alternate. He must turn his attention to rebuilding what he has and experiments and soil studies conducted both at various stations in the United States and at Rothamsted in England show that his hope lies in the careful application of barnyard manure to his lands, the use of lime and the following of a good crop rotation."

LETTER TO THE BEEKEEPERS OF ARKANSAS

EDITOR BULLETIN:

Several attempts have been made during the last three or four years to organize a state association, but we have always got off on the wrong foot. We want to form an association which any one interested in beekeeping can qualify to join and we want to make the membership fee so low that no one can afford not to join.

Quite aside from the helpful discussions along the line of beekeeping problems, one of the most important functions of such an organization is to get reduced rates in membership fees to national organizations, to get reductions in subscription rates to various bee journals and numerous other advantages which Arkansas beekeepers do not enjoy because they have no state organization.

Not the least important move for us to foster is to try to get some sort of legislation enacted which will provide for the inspection of apiaries. As the situation stands at present Arkansas beekeepers cannot ship their bees to other states because they have no state inspector. While it is not necessary for us to ask for an appropriation, we do need legislation designating some one as state inspector of apiaries. Not only this, but other states can dump diseased bees in Arkansas without any restrictions.

For our own protection, then, we must have some sort of an organization with authority to speak for the beekeepers of the state. Later we will notify you of the exact place we will get together.

Very truly yours,

J. V. ORMOND, President,

ELBA, ARK.

Arkansas Beekeepers' Association.

DUTIES OF COUNTY FARM AND HOME DEMONSTRATION AGENTS

1. To conduct demonstrations of known improved methods of farming and home making on farms and in homes of interested people.

2. Organize boys' and girls' clubs and to conduct demonstrations with and give instructions to boys and girls enrolled in these clubs.

3. To assist farmers in controlling insect pests, plant diseases and animal diseases with the help of agencies constituted to do this work.

4. To give information and assistance in the formation of live stock clubs, bull clubs, marketing associations, community clubs and other such work.

5. To give general information on soils, crops, live stock, horticulture, canning and preserving, cooking and sewing.

6. To use the specialists of the Extension Service in solving problems in the county when conditions are found that require the attention of these highly trained workers.

7. To keep in close touch with the Experiment Station, the College of Agriculture and the U. S. Department of Agriculture and be able to help quickly on new and complex problems that may arise pertaining to crops, live stock, insects, diseases, etc.

8. To advise with and assist in standardizing and grading farm products for market and in locating markets for such products.

9. To promote community organizations, hold demonstration meetings and extension schools and to develop community leadership and thus give information to the greatest possible number.

10. To study the general problems of the farms and homes in the county and to assist in the solution of these problems.

The cottonseed produced in the South this year will probably sell for right around \$250,000,000.00, says C. A. Sanford, of Sherman, Texas. "Not so very long ago cottonseed went to waste everywhere in the South."

FARMS FOR SALE

SEVIER COUNTY FARM—67 acres; 20 in cultivation, 35 acres pasture, balance woodland; five-room house, everlasting water; good barn and outbuildings; fine orchard. One-fourth mile to store, postoffice and railroad; two miles from Gillham. Price \$1,500; \$500 loan on place. J. J. Roberson, Gillham, Ark.

FARM IN WASHINGTON COUNTY—91-acres on highway between Fayetteville and Springdale; new and modern house; grapes; well and running water. G. W. Brooks, Springdale, Ark.

FOR SALE OR EXCHANGE—200-acres good cotton and corn land; partly fenced; two sets of buildings; six miles from railroad town; also two mules, wagon, harness, cattle, hogs and farm implements. Robert R. Black, Shirley, Ark.

PERRY COUNTY FARM—79-acres; 35 acres cleared, balance timber; three-room house, barn and smoke-house. Will sell or lease for term of years. Wm. P. Carter, 465 Colorado Ave., Lorain, O.

JOHNSON COUNTY FARM—66 acres; 10 acres under fence; seven acres in cultivation; balance in timber, small flock of sheep; good range; three-room house, barn and outbuildings; near school, church and store. Cash or trade if suitable. J. M. Graves, Mt. Levi, Ark.

YELL COUNTY TRACT—240-acres; all timber except 11 acres. Will sell land and timber, or timber alone. Wm. P. Carter, 465 Colorado Ave., Lorain, O.

ASHLEY COUNTY FARM—160-acres, two and one-half miles from Cressett; 60 hives of bees. Dr. G. H. Setzler, Cressett, Ark.

FOR SALE OR EXCHANGE—80-acres, one-half mile from Grannis; 65-acres improved; fenced and cross-fenced; house barn and other outbuildings; large plum and peach orchard; three everlasting springs. Will sell, trade for small farm or trade for city property. M. J. Blakely, Grannis, Ark.

SHARP COUNTY FARM—160-acres; four and one-half miles south of Willford on Batesville road; good fence; wells and buildings; with or without stock and crop. Emile Roth, Willford, Ark.

RANDOLPH COUNTY FARM—120-acres in cultivation; near church and school; terms to suit. J. A. Roberts, Biggers, Ark.

SMALL FARM NEAR LITTLE ROCK—Eight acres; four and one-half miles from city limits, on Twelfth St. pike; three-room house; peaches, blackberries and strawberries; an ideal place to grow truck for the curb market. Wm. W. Long, Gen. Del., Little Rock, Ark.

IMPROVED VALLEY FARM—222-acres; 90-acres in cultivation; excellent timber and pasture; eight-room house; tenant house; two barns; modern hay house; concrete cellar with drain; two cisterns and one well; variety of fruit; mules, cows, sheep, 40 Spotted Poland hogs, Aneona chickens, turkeys and farm machinery; worth \$1,700; corn, oats, wheat, hay, furniture and fruit, \$1,200 for all. Seven miles west of Batesville. I. S. Henley, Batesville, Ark.

JOHNSON COUNTY FARM—45-acres; 15 acres planted with young peach trees; good team of mules, wagon, corn, hay; reasonable price; two miles south of Knoxville; price \$1,500; \$800 cash; balance on time. W. C. Cluff, Knoxville, Ark.

LITTLE RIVER COUNTY FARM—103-acres; suitable for farming, poultry or stock; 20 acres woodland; two sets of houses; new barns; poultry houses; fruit for family use; near school, church, railroad and highway; excellent neighborhood. One farm of 63 acres; other 40-acres adjoining; will sell at a bargain. Loan of \$600 on the 40-acres running 32 years; can be transferred to buyer. W. F. Miller, Winthrop, Ark.

DALLAS COUNTY FARM—120-acres; 20-acres wire fenced; 50-acres in cultivation; good five-room house; family orchard; about 200,000 feet of pine and hardwood timber. Mrs. B. C. McKeowan, Willow, Ark.

FOR TRADE OR RENT—20-acres; 400 fruit trees; sell, trade or rent. D. W. Loudenback, Ola, Ark.

NEWTON COUNTY FARM—160-acres; 20-acres cleared; 40-acres pasture; fenced; barn; corn crib; small orchard; strawberries and raspberries; a model site for a home; native hickory and oak trees; price \$10 per acre. One mile from highway. J. Bodine, Mossville, Ark.

RIVER BOTTOM FARM—800-acres at \$35 an acre. For further information write J. L. Shaver, Bierne, Ark.

FORTY-ACRE FARM—Good land; timber; free range; an ideal location for stock raising; reasonable price. B. C. Sloan, Womble, Ark.

ARKANSAS COUNTY FARM—113-acre farm near Nady; 40 acres open; balance in good timber; 30 acres in cultivation; 60 acres fenced and cross-fenced; 35 acres good bottom land; near school and church; good house and barn. Price \$2,000. J. Z. Menard, Vilonia, Ark.

LOTS IN THRIVING TOWN—Seven lots; one with seven-room house; good well; also running water, sewerage, electricity and outbuildings; near Welch grape juice plant. G. W. Brooks, Springdale, Ark.

RICE FARM—53-acres; near Nady; 40-acres open prairie; balance timbered; 50 fenced; One good dirt road; 40-acres leased for five years at \$200 per year. Price \$2,500. J. Z. Menard, Vilonia, Ark.

CHICKEN FARM NEAR FAYETTEVILLE—12-acres adjoining city limits; well equipped for chickens; new chicken house; brooder house; incubator houses; garage; cow barn; fruit trees; four-room, rock bungalow, newly finished inside; telephone; all houses on farm have electricity; installing water system; one mile to University. Ed Dupras, R. 2, Fayetteville, Ark.

PRAIRIE COUNTY FARM—80-acres; two miles from Des Arc; improved; timber; good wagon and plow tools. Reasonable price for all. L. E. Buchanan, Des Arc, Ark.

MONTGOMERY COUNTY FARM—120-acres; 65-acres in cultivation; good house and outbuildings; terms easy. See or write J. H. Edwards, Box 68, Mt. Ida, Ark.

FARM IN JOHNSON COUNTY—90-acres; 40-acres in cultivation; balance good timber land; 300 young Elberta peach trees; other fruit trees; new four-room house, outbuildings; near school, town and railroad; good mountain range; bargain. C. M. Elkins, R. 1, Harmony, Ark.

RANDOLPH COUNTY FARM—80-acres; 50-acres in cultivation; wire fenced; good house and barn; numerous outbuildings; cellar and cistern; on excellent road near small town; has good crop of cotton this year. Price \$3,000; terms. L. A. Scrivner, Palatka, Ark.

CHICKEN FARM—40-acres; 25 acres in cultivation; three-room house, barn, fine chicken houses; other outbuildings; one mile off Pershing highway; \$1,000. C. L. Kifer, R. 1, Sheridan, Ark.

SCOTT COUNTY FARM—80-acres near county seat; 60 cleared; balance timber; fenced and cross-fenced; three-room house, outbuildings; near school and church; some stock; fruit trees; \$3,000. W. Hullinger, Star Route, Waldron, Ark.

SEARCY COUNTY FRUIT FARM—79-acres nine miles west of the county seat; all under fence; 10 acres in orchard; spring near house; three miles to post-office; six miles to railroad; \$10 an acre; terms. Mrs. A. B. Ledbetter, Pyatt, Ark.

MARION COUNTY FARM—108-acres, mile from railroad station and town of Pyatt; near consolidated school and state highway; five-room house; three fine springs; 30-acres fenced with wire; 20-acres in cultivation; some fruit; enough timber to pay for place. J. O. Ledbetter, Pyatt, Ark.

FURNISHED HOTEL—Write R. E. Jones, Alicia, Ark.

FOR SALE OR EXCHANGE—154 acres, one mile of Hartwell; 75 acres in cultivation; four-room house and outbuildings; two springs; fruit trees; near school, church and highway. Will trade for small farm, store or town property; and would consider Ford car in price; \$17 an acre.

J. M. Degan, Hartwell, Madison county, Ark.

HUNDRED-ACRE RANCH—Well improved and well watered; also a good sawmill, planer and shingle mill; cheap for cash. This is a big bargain. M. L. Powers, Dover, Ark.

TRUCK FARM NEAR LITTLE ROCK—43-acres, 15 in cultivation. Will sell all or part; on Remount road, about six miles north of Little Rock; well improved, good water, suitable for general and truck farming. John M. Street, Levy, Ark.

FARM IN OIL FIELDS—160-acres, 1 mile south of Stephens, all fenced, 100-acres cleared; two five-room houses, barn 40x106 feet, two smaller barns; fruit, good water, rural route, telephone, good roads; splendid dairy and truck farm. Producing oil wells $\frac{3}{4}$ mile and $1\frac{1}{4}$ miles away. Price \$50 an acre with one-half oil and gas rights reserved, if sold at once. C. F. Cromwell, R. 1, Stephens, Ark.

INDEPENDENCE COUNTY FARM—120-acres, 60 in cultivation, 35 in pasture; two sets of houses and outbuildings, three wells, three springs; two-acres in peach trees, two gardens; on good road, near school, churches and village; good location for stock raising and general farming. Address Box 51 Floral, Ark.

IMPROVED FARM IN THE DELTA—40-acres, 30 in cultivation, sandy loam soil makes from one-half to three-fourths bales of cotton per acre; 13 acres in Lespedeza, cuts from one to three tons hay per acre; good four-room house, barn, poultry houses and other outbuildings; free range, good hunting and fishing, near town and highway. Price \$1,800, part cash. E. C. Herren, Parkdale, Ark.

FOR SALE OR EXCHANGE—133 acres for sale or exchange for smaller tract or stock of goods, land will produce most anything, two sets of houses and improvements; five wells, running water, pasture and meadow; land is terraced. Price \$5,000, \$3,000 cash, balance on terms; four miles east of Dover. W. W. Hubbard, Gumlog, Ark.

SMALL TRACTS IN THE DELTA SECTION—Plantations subdivided into 20, 40, 60 and 80-acre farms in Arkansas river valley, situated on the Mo. Pac. Ry. and Arkansas-Louisiana highway; alluvial land and very productive; good roads and schools; long time and easy payments to white farmers; also lots in the town of Varner. Price \$100 per acre. R. R. Rice, Varner, Ark.

BAXTER COUNTY FARM—65-acres improved, mostly platted in Norfolk, on White and North Fork rivers; also have 40-acres improved, near town. M. L. Chamberlain, Gulfport, Miss.

FARM IN THE OZARKS—160 acres in good condition, two houses and barns; good steam mill and gin; one-half mile from railroad town. Price \$1,600, cash. A. L. Farris, Cook, Ark.

FARM IN FRUIT SECTION—40 acres, five in cultivation; good orchard, spring water; one mile from state highway, near school and church. Price \$400. Carl W. Franks, R. 2, Box 10, Fallsville, Ark.

LONOKE COUNTY FARM—40 acres, 30 in cultivation; four-room house, barn, well, telephone; four miles from Austin, near school and church. Price \$1,000. Mark Jones, R. 1, Box 75, Ward, Ark.

FOR SALE OR TRADE—280 acres, 200 cleared, 40 fenced; pine, oak and hickory timber; new six-room bungalow, large barn and outbuildings; well and two springs; sawmill, grist mill; five miles from O'Neal, Stone county. Will sell or trade for paying business. G. Ballard, Melrose, Ark.

WHITE COUNTY FARM—40 acres, 30 in cultivation, 10 in pasture; four-room house, two wells, outbuildings; will accept good Ford car in trade; one mile south of Bradford. E. C. Boyce, Bradford, Ark.

IMPROVED CLARK COUNTY FARM—40 acres, 20 fenced, 18 in cultivation, balance in timber; five-room house, plenty barns, well in yard, small producing orchard; well adapted to truck growing and stock raising; good roads, near school and railroad. Ira P. Huffman, Graysonia, Ark.

ATTRACTIVE FARM NEAR DOVER—20 acres, fenced and in cultivation; four-room bungalow, good outbuildings, splendid well, near church, school, store and grist mill; three miles from Jefferson highway. H. O. Moore, Dover, Ark.

FARM BARGAIN IN THE OZARKS—130 acres, all fenced, 100 cleared, good upland, some bottom land, adjoins town; seven-room house, painted, cistern on porch; splendid young orchard, apples, plums, peaches, cherries, grapes and berries; good location for dairy or poultry farm. Price \$3,500 on terms, or \$3,000 cash. W. T. Gray, Box 15, Black Rock, Ark.

FARM NEAR COLLEGE TOWN—80 acres level valley land, 65 in cultivation, on asphalt pike, pretty seven-room hungalow, fine meadow, team of mules, young colt, three cows, hogs, corn, hay, farming implements and small tools. Price \$4,500. H. McCready, R. 4, Conway, Ark.

STONE COUNTY FARM—80 acres, three miles from railroad town, four-room house, painted, other improvements. If sold in next 60 days will take nearly what improvements are worth. Geo. C. Behee, Box 288, Calico Rock, Ark.

FRUIT AND POULTRY FARM—80 acres rich, bench land, 30 fenced, house, outbuildings, fruit, good roads, near school and church, three miles from Brentwood; blindness reason for selling; price \$500 or will trade for smaller place. P. L. O'Bryan, Brentwood, Ark.

240 ACRES IN LARGE VALLEY—160 in cultivation, 75 in timber; three houses and three barns, fine water, fruits, all fenced, near school, three miles from Ash Flat, spring watered pasture. 90 per cent of land tillable, beautiful country. Priced to sell. G. R. Carney, Ash Flat, Ark.

FARM IN STRAWBERRY SECTION—20 acres, seven in strawberries, seven in timber, other fruit, new three-room house, outbuildings, two crating houses, tool shop, soft water; will accept car or truck as part payment. C. A. Moore, R. 1, McRae, Ark.

40-ACRE FARM IN THE OZARKS—Nearly all in cultivation, house, two barns, fruit trees, everlasting spring water, adapted to poultry and dairy farming, near school, church and highway, three miles from Mountain Home. Will sell cheap if taken by December 15. Mrs. Lula A. Long, Three Brothers, Ark.

178 ACRES OF FARM AND TIMBER LAND—100 in bottom, balance in range, good fishing and hunting, also stock and tools. J. R. Poe, Roe, Monroe county, Ark.

PRAIRIE COUNTY FARM—120 acres, 65 grubbed out and in good state of cultivation, two sets of houses and barns, potato house, orchard, three wells, level land, no rocks, on public road, near school and church. Price \$4,000 with terms. S. O. Gartman, Hickory Plains, Ark.

FOR SALE OR TRADE—248 acres, 150 in cultivation, six houses, barns, gardens, good pastures and meadows, four miles from two railroad towns. Price \$5,000, \$1,500 cash with terms on balance, or would trade for city property or mercantile business. W. E. Mathews, R. 1, Houston, Ark.

SIXTY ACRES LEVEL LAND—Ideal stock and dairy farm, two good pastures, never failing water, good house and outbuildings, lots of fruit, stock and grain, one mile from town; old age reason for selling. Geo. Fenner, Fox, Ark.

FARM IN FRUIT BELT—100 acres mountain land, 35 in cultivation, three-room log house, barn and other buildings, plenty fruit, well and springs. Price \$950. A. B. Sloan, Bidville, Ark.

IMPROVED SEVIER COUNTY FARM—40 acres, 30 fenced, 20 in cultivation, 20 in good bottom land, on county road and mail route, near school and church, new four-room house with large porch, good outbuildings, well in yard. Price \$1,000 with terms. Geo. L. Hopkins, Star Route, Gillham, Ark.

MADISON COUNTY FARM—163 acres; 60 acres under fence; 40 acres in cultivation; black land; two-room house; barn and other outbuildings; fruit trees; free range; one mile to school and church; excellent neighborhood; near rail and White river; \$1,000. N. L. Youngblood, Delaney, Ark.

FARMS WANTED

Will lease for four years, at cash rental a good farm with pasture, barn and necessary buildings. Mrs. Kansas V. Stratton, Kensett, Ark.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVESTOCK FOR SALE

Ten head of fine Jersey cows and heifers. One registered cow; some of the cows are fresh. W. J. Scarrow, Box 152, Berryville, Ark.

One full-blood Shropshire ram and seven grade ewes. Loy Johnson, Mayfield, Ark.

One registered Jersey bull, three years old and in good condition; price \$50. Also two six-month old Jersey calves; \$30 each, without registering; \$35 with papers. S. F. Leslie, Belton, Ark.

Jersey cow, six years old; fresh now, \$65; Jersey cow, three years old, fresh in December, \$50. Leslie N. Brown, R. 1, Bentonville, Ark.

Registered Jersey cattle and Duroc hogs for breeding stock; also some high producing grade Jersey cows and heifers. Walnut Grove Stock Farm, R. 4, Siloam Springs, Ark.

One registered big type Poland China three-year-old boar. Clay Fooks, Williford, Ark.

Goats—High-grade Sanen and Toggenbergs, with a few hair does and half-breed. \$2 each for picked 100, or \$1.50 for clean-up of 150 head. Will consider trade in good one-ton truck or Jersey heifer calves. Will deliver 50 miles if clean-up deal. A. O. Grant, Mineola, Howard county, Ark.

Black Mammoth jack; 14 hands high, big boned and well muscled, easy to manage; no scrub blood; price \$100 cash, or terms. T. E. Boggan, R. 1, Pearey, Ark.

One registered Tamworth sow, weight approximately 475 pounds; good show and brood animal; price \$30, crated f. o. b. Fayetteville. H. P. Finger, Fayetteville, Ark.

Good work horse, six years old, \$60; one gentle filly, two years old. Emile Roth, Williford, Ark.

Mules, 20 of them, three years old. Carl Farris, Agency, Mo.

Four-year-old short horn pedigree bull subject to register. Price \$100. H. H. Jesse, Lavaca, Ark.

LIVESTOCK WANTED

A Cotswold ram. Give description and price delivered at Pettigrew, Ark. J. Bodine, Mossville, Ark.

Shropshire ram, ready for service. H. P. Finger, Fayetteville, Ark.

POULTRY FOR SALE

Some choice Jersey Black Giant cockerels, \$2.50 each; pure-bred Indian Runner ducks, \$1.50; \$4 for trio. Tom McBride, Lebanon, Mo.

Rhode Island Red cockerels and pullets; will sell or exchange for Buff Orpington ducks. Mrs. M. Milner, Box 52, Blevins, Ark.

Pure-bred Rose Comb Rhode Island White cockerels; March hatch; high laying and exhibition strain, \$5 each. Hatching eggs in season. Mrs. J. R. Bentley, Gentry, Ark.

Seventy-five pure-bred Buff Leghorn hens, one year old, \$1 each; three cockerels 50 cents each. Leslie N. Brown, R. 1, Bentonville, Ark.

One Black Leghorn cock, one year old; one cockerel, April hatched; direct strain and beauties, \$2 each. A few S. C. Black Minorca cockerels, \$1.00 each. Charlie Hicks, Beebe, Ark.

S. C. White Leghorn cockerels; Barred Rock and Blue Andalusian crossed; all two months old; choice 80 cents; seconds, 65 cents. Mrs. Oscar Mosbey, R. 1, Gainesville, Ark.

Pullets and cockerels—Light Brahmas, Barred Rocks, White Leghorns, R. I. Reds, Buff Orpingtons, Anconas and Cornish Game, \$1.25 each. Helen Roth, Williford, Ark.

Silver-spangled Hamburgs, buff, brown and white Leghorns, reds and rocks; heavy laying strain; Indian Runner ducks, some geese, and Carneau pigeons, heavy squab producers; all strictly purebred. G. E. Miller, Freedom, Okla.

Pure-bred white Mammoth Pekin ducks and drakes, \$1.50 each, all hatched last May. Mrs. E. E. West, R. 1, Corley, Ark.

White Leghorn cockerels, from pedigreed stock, with a laying record of 326 eggs a year. Price \$2.50 each. J. F. Dodd, R. 2, Box 65, Alpena Pass, Ark.

Fifty Silver Laced Wyandotte pullets; high bred birds. Price \$1 each. Mrs. L. W. Forbes, Hackett, Ark.

Choice pure bred S. C. R. I. Red cockerels, price \$1. Henry Kent, Combs, Ark. Barred Rocks for sale; cockerels and cocks, \$3 to \$6 each; laying pullets \$1.50 each. Satisfaction guaranteed. Chas. J. Finger, Jr., R. 6, Fayetteville, Ark.

Fine lot of Single Comb Brown Leghorns and Rose Comb Silver Spangled Hamburgs, pullets 75c each. Pure bred stock. W. F. Sudmeyer, R. 1, London, Ark.

Several nice cockerels, dark Cornish Indian Games, \$2 each, cash price. Julia Mitchell, R. 2, Box 103, Scranton, Ark.

POULTRY WANTED

Twenty-five pure-bred Leghorn pullets. Marcus Howard, Leslie, Ark.

MISCELLANEOUS FOR SALE

Three cylinder Gearheart knitting machine and eight pounds of thread. Will trade for pure-bred pullets. White Leghorns preferred. Hillview Poultry Farm, Box 65, Bryant, Ark.

Coon, Opossum and fox hound pups, ready to ship, \$4 each or \$7.50 per pair. D. S. Sanders, R. 3, Magnolia, Ark.

Eight hound pups, Walker stock, whelped July 1; fine pups. Males \$10, females \$7.50, pair \$15. J. L. Hammond, Arnett, Ark.

Going out of hound business. Will sell some well broke hounds also some hound pups very cheap. M. J. Blakely, Grannis, Ark.

Telephone cabinet in perfect condition, \$7.50; Acetylene gas plant complete for ten rooms, cheap. Mrs. Edward Young, Box 117, Grady, Ark.

Two wooden churns. Mrs. R. Schliesen, R. 1, Alexander, Ark.

For sale or exchange. One two-horse stump puller; cost \$100; good as new. Mrs. Schliesen, R. 1, Alexander, Ark.

Corn at \$1 per bushel. Emile Roth, Williford, Ark.

Farm tanned half soles. Made in Arkansas from Arkansas hides; wear twice as long as factory made; 25 cents to 50 cents pair, postpaid. Agents wanted; fair commission. Will furnish merchants on commission. Handmade and guaranteed. Write for particulars. Fred Keeler, Gravette, Ark.

MISCELLANEOUS WANTED

A squirrel dog. Must be good and the price right. Roy Murray, Box 254, Harrisburg, Ark.

SEEDS AND HOUSE PLANTS FOR SALE

Choice house plants, seven for 35 cents postpaid in Arkansas or 45 cents out of state; Amaryllis, fern, cactus, begonia, etc., no two alike. Mrs. B. E. Shreve, Des Arc, Ark.

Three hundred bushels of winter oats at \$1 per bushel, f. o. b. J. L. Goodbar, Charleston, Ark.

Little Spanish peanuts, \$2.50 per bu. Lee Mathews, R. 1, Houston, Ark.

Red pepper, five dozen pods for 10c; bouquet pepper seed, 5c a package; dry sage, 10c a package; also have zinnia, mixed colors, marigold and prince feather seed. Miss M. L. Taylor, Wideman, Ark.

WANTED

Goats wanted at once. F. A. Bereman, R. 4, Rogers, Ark.

A white family of five wants to pick cotton; can pick from two to three bales a week. Want place to pick until season is over. Would like to rent good 35 or 40 acre farm, either share crop or cash rental. M. L. Miles, Lake Village, Ark.

Yellow root or barbara blue flag root, prickley ash bark wanted in large quantities. Send samples advising the quantity available for shipping. Southwestern Crude Drug Co., Inc., Bristol, Va.

FARM CENSUS WILL BE TAKEN THIS WINTER.

Congress provided for a Census of Agriculture in 1925 to be taken as of January 1. The general enumeration will begin December 1, 1924, and will be completed by January 31. The inventory of farm property relates to January 1, 1925, and the production covers the calendar year 1924.

The preliminary work incident to the organization of the field force is now in progress and, as at previous censuses, the United States will be divided into supervisors' districts and each supervisor's district into enumerators' districts. There will be employed in this census 212 supervisors and from 15,000 to 20,000 enumerators. A large number of the districts will be supervised by regular employees detailed from the Bureau of the Census and by state statisticians of the U. S. Department of Agriculture. For the remaining districts persons will be employed as supervisors who are identified with the agricultural interests. In order to meet weather conditions, it is probable that the enumeration in certain sections of the country, particularly in the states along the Canadian border and in sections of the Rocky Mountain region, will begin during November.

The Federal Department of Agriculture is working in close co-operation with the Bureau of the Census in the preparation and conduct of this census, and has the support of the Departments of Agriculture of the several states, the agricultural colleges, agricultural associations, and the agricultural press. It is hoped to make this the most complete and accurate census of agriculture that has ever been taken in the United States. It is important that a census be taken at this time because of the varied conditions and changes affecting the agricultural interests.

It was necessary to materially reduce the number of inquiries on the schedule as compared with the 1920 Census so as to conform to the intent of the Census law that this intermediate census should be less extensive than the decennial census of Agriculture and to bring it within the length of time and funds allowed by Congress. The questionnaire was prepared after very careful consideration by a joint committee of representatives of the Departments of Agriculture and Commerce. Prominent agriculturalists throughout the country have been consulted, and the questionnaire agreed upon is satisfactory to all interests.

The farmers of the country can be of great service in this census if they will give the census enumerators complete and accurate information regarding their farms and products when they call. During the next 60 days, approximately 5,000,000 questionnaires will be distributed by Postmasters through rural mail carriers to individual farmers in all sections of the United States, in order that the farmers may know in advance the information required of them.

HOW TO MAKE OLD RELIABLE WHITEWASH

Whitewash is the cheapest of all paints, and may be used either for exterior or interior surfaces. It can be made by slaking about 10 pounds of quicklime in a pail with two gallons of water, covering

the pail with cloth or burlap and allowing it to slake for one hour. Water is then added to bring the whitewash to a consistency which may be applied readily. A weatherproof whitewash for exterior surfaces may be made as follows: (1) Slake one bushel of quicklime in 12 gallons of hot water, (2) dissolve two pounds of common salt and one pound of sulphate of zinc in two gallons of boiling water; pour (2) into (1), then add two gallons of skim milk and mix thoroughly. Whitewash is spread lightly over the surface with a broad brush.

TEN-YEAR HOG CHOLERA CYCLE BELIEVED TO BE BROKEN

In the past hog cholera has swept across the country in destructive waves of noticeable regularity, in the peak years causing losses as great as \$75,000,000. Records of the department, going back for 40 years, show that the waves reached high points in 1887, again in 1897, and then, after a little longer than a decade, there was an outbreak of long duration which reached its highest destructiveness about 1913. Since the occurrence of the last wave the extensive use of anti-hog-cholera serum has saved many millions of dollars and hogs to American swine growers, but nevertheless persons with both scientific and economic interest in the industry are asking themselves whether or not the use of this treatment on a part of the herds of the country has acted as oil permanently to quiet the great waves on this uneasy sea of disease.

RAILROAD TRIES NEW METHODS TO STOP ACCIDENTS AT CROSSINGS

Employees of the Missouri Pacific Railroad Company, with the co-operation of the company, have launched one of the greatest movements in railroad history for the reduction of the appalling toll of automobile accidents at railroad crossings. The movement is the organization of "Stop-Look-Listen Clubs" among automobile drivers throughout the vast territory served by the Missouri Pacific.

Already more than sixty of the clubs have been formed, with a total membership of 17,000, and the movement is only well under way. Members are required to sign a pledge that they will bring their automobiles to complete stop before crossing railroad tracks. The Missouri Pacific railroad is providing the clubs with the pledge cards, with an attractive red and white metal sign to be attached to the rear of each member's car, reading "This car stops for all railroad crossings," and with stickers for the windshields, reading, "Missouri Pacific Stop-Look-Listen Club."

While all railroad employees are behind the movement, probably the most enthusiastic are the engineers, who see in the clubs possible relief from the haunting fear of their lives that some day their locomotive may crash into a motor car whose driver believed he could "beat the train to the crossing."

Enactment of laws in Arkansas and Louisiana requiring motorists to stop before crossing railroad tracks has given impetus to the movement. The Arkansas law took effect immediately after it was signed by Gov. McRae June 30. The Louisiana law is effective November 1. The Missouri Pacific and other railroads are installing signs.

Homeseekers Who Want to Buy Arkansas Farms

C. McCarty, St. Paul, Ark., wants to trade for Arkansas farm land.

Freeman Templeton, Caster, Mont., makes inquiry as to the rental price of farm land in Arkansas. He wants to locate in the stock country.

W. O. Carpenter, Satsuma, Ala., is interested in the country around Hot Springs.

E. C. Cleveland, 930 N. Ridgeland, Oak Park, Ill., wants to buy a forty-acre fruit, poultry and dairy farm near some good high school town.

Mrs. Kansas V. Stratton, Kensett, Ark., wants to rent for cash, a farm located near a good market for dairy products.

E. D. Ryckman, 1 Peter St., East, Sandwich, Ont., intends to come south this fall and makes inquiry about the wages for sawmill men and the value of timber land.

C. M. Olsen, Packwaukee, Wis., asks for information about homestead land in Arkansas.

W. B. Manners, Fairland, Okla., would like to exchange town property in Oklahoma for an improved Arkansas farm. He has one entire block with large modern house, good outbuildings, abundance of fruit, perfect title, no encumbrance.

Farm manager, have had twenty-five years' experience; will give satisfactory references. J. E. Neale, Alpin, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 10, NO. 11.

LITTLE ROCK, ARKANSAS

NOVEMBER, 1921.

Transforming the Old Lake Beds of Mississippi County, Arkansas, Into Bale-an-Acre Cotton Fields

THIS is a story that tells something of the wonders that are being wrought in the transformation of the lowlands of eastern Arkansas—old lakes and stream beds—into the finest farming country in the world. farm lands that produce a bale of cotton, 100 bushels of corn and 75 bushels of wheat to the acre.

The pictures are from Mississippi county, the fastest growing county in Mississippi valley, the banner agricultural county in Arkansas and the second largest cotton producing county in the United States, a land made famous by R. E. L. Wilson and former Governor Frank O. Lowden, both of whom have made millions in the drainage of the valley lands and who are the owners and operators of large plantations in the reclaimed area.

First came the drainage ditches, the big canals that were dredged through the cypress swamps with steam shovels and stump lifters as big as those that were used in digging the Panama canal. These great ditches opened outlets for the slow-moving streams, the lakes and accumulation of surface water and left most of the land high and dry—free from water but covered with trees and stumps, the biggest and toughest known to the woodsman.

Clearing land in the hill country is child's play to taking the timber off and grubbing stumps in the Mississippi basin or St Francis valley, but the next step in the reclamation movement, after the completion of the canals, was the clearing of the land for crops and the stumps had to go. Governor Lowden and some of the others who are operating on a big scale let their clearing jobs under contract to big concerns that are equipped with heavy machinery and that use dynamite by the wholesale but some of the best farms in the



CLEARING VALLEY LANDS IN MISSISSIPPI COUNTY, ARK.

valley—those owned by the individual of small capital—are being cleared by hand.

One of the pictures shows a piece of land near Huffman, Ark., formerly lying in the edge of Walkers' lake, just as the work of clearing was started. The size of the timber and the girth of some of the stumps make it look like a hopeless job, but this land was cleared at a cost of only \$15 an acre and the first crop.

The trees were felled and the brush and worthless timber piled in heaps

around the larger stumps and burned. Then there was a second clearing and another burning and in the spring the ground was in fair shape for a crop-ground that the spring before was six feet under water.

Off one piece of land in this neighborhood the owner one year sold a \$1,200 crop of fish and the next year he gathered 4,000 bushels of corn. After that he grew crops of cotton every year. Never any more fish.

In the other picture is shown the



SAME LAND, THREE YEARS LATER YIELDING A BALE OF COTTON TO THE ACRE

1924 crop of cotton the third year after clearing. It is taken from the same place as the other picture. There are no signs of trees in the field, the stumps are fast decaying and the cotton is shoulder high, making a bale to the acre. In a few more years the field will be as smooth and as free of stumps as an Illinois prairie and the work of redemption will be complete.

What is there about this soil that makes men work so hard to turn it into crops? Just this, it is the richest known soil in the whole world, a bed of sediment deposited through the ages from the wash and overflow of that great gully-washer, the Mississippi river. The deposit of alluvium is from 20 to 75 feet deep, an inexhaustible store of fertility, the most of it skimmed from the rich prairie lands of the middle west. It makes enormous yields from year to year and seems never to wear out. The topography is nearly level and after the stumps are out of the way and mowers and binders can be used the soil is ideal for the growing of alfalfa and wheat as well as corn and cotton.

A great deal of this unimproved land is being bought for \$40, \$50 and \$60 an acre. The cost of drainage, which is spread out over a period of years, is about \$20 an acre and the clearing costs from \$15 to \$25 an acre. Very little of the cultivated land is offered at less than \$100 to \$200 an acre and some of it is priced at around \$250 an acre. So it is seen that money put into the improvement of this land is well invested.

Population has increased and land values have advanced more rapidly in Mississippi county than in any other county in the state, and it has taken a permanent place as one of the most productive agricultural counties in the whole South.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

JIM G. FERGUSON, Commissioner
JOHN C. SMALL, Commissioner of Immigration
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to Jim G. Ferguson, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



ARKANSAS SENDS TOO MUCH MONEY AWAY FOR BUTTER

Arkansas produces only 48 per cent of the creamery butter used in the state, says W. H. Woodley, dairy specialist, State Extension Service. We produce a million pounds of butter fat for the market and permit our people to import 19 million pounds, or 95.2 per cent of all the creamery butter consumed in the state.

This should not be, with all of the advantages we have for dairying in Arkansas. We should make all of our own butter and have a surplus to export. That would keep many millions of dollars at home.

ARKANSAS TO HAVE PLACE AT SOUTHERN EXPOSITION.

There will be held in New York City, January 19 to 31, 1925, an exhibit of southern resources, products and manufactures in which Arkansas is invited to take part. A commission has been appointed by the Governor to arrange for a suitable display, the cost of which will be defrayed by a fund subscribed by the public. Earle W. Hodges of Little Rock, is director of the Arkansas division and former Congressman H. M. Jacoway of Little Rock, is treasurer. The state is offered a splendid opportunity to show itself to the world. It is expected that every southern state will be represented with a creditable exhibit.

WHAT GRADE DAIRY COWS COST IN WISCONSIN.

Class	Price
Extra choice springing cows with cow testing association or other records of 300 or more pounds of butter fat	125-175
Choice springing cows without records	100-150
Good cows due to freshen within 90 days	90-125
Good cows 5 to 6 months in milk	85-110
Cows in milk, more or less off in size and type	75-90
Good cows, slightly blemished	60-75
Culls, off type, poor udders, questionable age and production	40-65
Choice heifers 2 years old, springing and out of record dams	75-125
Good heifers 2 years old, springing	60-80
Heifers 1 to 2 years old, open or recently bred	40-75
Heifers undersized and thin, 1 to 2 years old	30-60
Heifers 1 year old	30-50
Heifer calves 5 to 6 months old	30-40
Heifer calves 2 to 6 weeks old	15-25

MILLIONS IN COTTON SEED CROP.

"The cottonseed produced in the South this year will probably sell for right around \$250,000,000.00," says C. A. Sanford, of Sherman, Texas. "Not very long ago cottonseed went to waste everywhere in the South."

For the past five years there has been an average of six million children in the public schools of the cotton producing

states of Arkansas, Alabama, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Oklahoma, Tennessee, Texas. During these five years the cottonseed oil produced in the states mentioned has sold for more than enough money to pay the entire cost of keeping these six million children in the public schools.

The value of all diamonds mined in South Africa for the years 1917-21, inclusive, showed a yearly average of \$38,986,567.90. During these years 1917 to 1921, inclusive, the cottonseed oil produced in the six states of Texas, Oklahoma, Tennessee, Mississippi, Louisiana and Arkansas, sold for an average of more than ninety million dollars per year.

The cottonseed oil produced in the six states named during 1921 sold for more than twice the value of all the gold produced in the whole United States, including the territory of Alaska and the Philippine Islands.

LETTER FROM ARKANSAS SEED GROWERS' ASSOCIATION.

By L. W. OSBORN, Secretary Arkansas Seed Growers' Association.

The number of members requesting inspection and the total acreage inspected has been much larger this fall than ever before. Fields of Soybeans and Mung beans have been inspected and certified for the first time.

Excellent fields of Delta Prolific corn were inspected for a number of our growers. Burdette Plantation, the home of the variety, has an excellent crop. Arnold Huenefeld, in Woodruff county, likewise has a fine prospect.

J. K. Thibault, near Little Rock, who has developed the popular strain of Mexican June, known as Thibault, has a fine crop of this variety. Mr. Thibault has practiced field selection from the two-ear plants for over six years.

Wright Plantation, with J. P. Murphy as manager, near Plum Bayou in Jefferson county, has 3,000 acres of Salisbury cotton eligible for certification, ginned exclusively at one gin.

"Uncle Green" Roberts, one of our Washington county members, won sweepstakes on bushel of corn at the State Fair, and his son won first on ten-ear exhibit. Mr. Roberts has won more premiums at our State Fairs than any other person.

Clay Brazil, another of our members from Perry county, had outstanding exhibits in the Boys' Corn Club show as well as in the individual exhibits. Several other Association members made excellent showings. In fact the best premiums were won by Association members.

One of the most interesting of Association achievements during the year has been with Paymaster corn. The First National Bank of Fayetteville, in co-operation with O. L. McMurray, County Agent, and this Association, introduced and distributed under contract to Washington county farmers, 20 bushels of seed. As a result, there

will be at least ten fields of Neal's Paymaster entitled to certification. Some of these fields are located on the tops of mountains, and others in rich valleys. All of the new growers show a decided willingness to co-operate.

One of the best fields of Neal's Paymaster inspected is that of A. C. Willert, in Spavinaw Creek bottoms near Gravette. Willert has field selected according to Association requirements for a couple of years, and is already making noticeable progress in increasing the soundness of the variety.

Excellent progress is being made by a number of our growers with varieties originally from the North. C. C. Montague of Gregory, with Diamond Joe, Champion White Pearl, have good crops. Many growers on uplands find considerable merit in growing the earlier and shorter stalked varieties.

Mark Valentine and Harold Young, in Pulaski county, are meeting with success in developing the Valentine Yellow Dent corn. Mr. Young is planning to make selections from two-ear plants with a view of increasing the prolificacy of the variety.

Howard N. Thomas, in Saline county, is specializing with McFarland in co-operation with the Experiment Station. It is hoped to develop a variety especially suited to uplands. A McFarland x Biggs cross is promising well.

HOW PRODUCTION AFFECTS THE PRICE OF COTTON CROP.

Discussing the cotton price situation an exchange says that the 1924 crop will bring 35 cents a pound if there is a 11-million-bale crop; 30 cents if there is a 11½-million-bale crop; 27 cents if there is a 12-million-bale crop; 25 cents if there is a 12½-million-bale crop; 20 cents if there is a 13-million-bale crop; 18 cents if there is a 13½-million-bale crop; 15 cents if there is a 14-million-bale crop, and 10 cents if there is a 15 or 16-million-bale crop.

This should give food for thought to be considered very seriously by the cotton grower before he determines upon his next year's acreage. We see that the million bales that are now being seriously debated on a crop ranging anywhere from 11,500,000 to 12,500,000 affects the whole crop \$25 per bale, or on the basis of a 12,000,000 bale crop of cotton will cost the farmers of the South \$300,000,000. Should the South have had a thoroughly good rain through the whole belt some time during the first half of July it is barely possible that a crop of 14 to 15 million bales of cotton might have been produced this year to the utter ruin of the cotton grower. There is no reasonable doubt but what the price would have been forced down to 14 to 15 cents per pound and the whole cotton belt would not only have been in a deplorable condition this year, but would have remained under the cloud of another carry-over of several million bales which would have been used as a club to keep down cotton prices for the next several years. Some of our people are so prone to take the optimistic side of conditions, disregarding the cold facts altogether, that they do not give adequate weight to intelligent planting as far as it is possible against such adverse conditions as above outlined.

On the basis of the above figures a cotton crop of:

11,000,000 bales would be worth	\$1,925,000,000
11,500,000 bales would be worth	1,725,000,000
12,000,000 bales would be worth	1,620,000,000
12,500,000 bales would be worth	1,562,500,000
13,000,000 bales would be worth	1,300,000,000
13,500,000 bales would be worth	1,215,000,000
14,000,000 bales would be worth	1,050,000,000
15,000,000 to 16,000,000	750,000,000

The price of growing the present crop of cotton averages 27 cents per pound in all of the belt. The Texas Department of Agriculture found in that state that it was 26 cents but also states that many of the growers do not report all of the items of actual costs included in the growing of the cotton crop.

A school for the study of fertilizers will be held at Texarkana December 2 and 3.

SECRETARY WALLACE IS DEAD.

Henry C. Wallace, Secretary of Agriculture, farm journalist, educator, practical farmer, friend and sympathetic leader of agricultural workers, is dead. The farmers of the country, the workers in the state agricultural colleges, the employees of the U. S. Department of Agriculture, and friends of agriculture everywhere, have lost a warm friend, an able helper, a courageous leader.

Mr. Wallace knew the problems of the farmer as few other men have known them. All the active years of his life were spent in farming, in studying and teaching in the Iowa Agricultural College, or in writing, editing, and publishing a farm paper, and the last three and one-half years in directing the work of the U. S. Department of Agriculture. His outstanding ability, his rugged integrity, his common sense, and perhaps most of all, his warm, sympathetic interest in his fellow men, made him the trusted leader of the great farming industry of our country.

WHERE BIRDS GET THEIR FOOD.

With the approach of winter, the summer birds betake themselves to warmer climes, and new ones come to take their places. These visitants have interesting habits and behavior. Most of them have nested in the mountains or northern climates, and some years they will winter in a region in great numbers, although they may later fail to visit it again for several seasons.

They show varied appetites, and some have brought themselves under suspicion as being destructive. Extensive studies, however, by the Biological Survey of the United States Department of Agriculture in the case of a number of these birds show that while most of them are not markedly beneficial, none of them are harmful in its feeding.

The results of these investigations have just been published by the department as Department Bulletin 1249, Food Habits of Some Winter Bird Visitants. The winter birds studied were the evening grosbeak, pine grosbeak, red crossbill, white-winged crossbill, hoary redpoll, pine siskin, snow bunting, laplandlongspur, Smith longspur, common pipit, and Sprague pipit. The chestnut-collared longspur and the McCown longspur, while not strictly winter birds, are included in the bulletin to make the account of the food habits of the longspurs complete.

Copies of the bulletin may be had free upon application to the Department of Agriculture, Washington, D. C.

WHAT UNITED STATES IS WORTH.

The chief classes of articles forming the 1922 wealth of the United States, \$320,803,000,000, which the Census Bureau officially designates as the "estimated value of the national wealth" are real property and improvements \$176,414,000,000, clothing, furniture and other kindred property, \$39,816,000,000, manufactured products \$28,423,000,000, railroads and their equipments \$19,915,000,000, manufacturing machinery, tools and implements \$15,783,000,000, livestock \$5,807,000,000, agricultural products \$5,466,000,000, street railways \$4,877,000,000, and telegraph and telephone systems \$1,949,000,000. Real property and improvements thus form 54.9% of the grand total, clothing, personal adornments, furniture and other kindred property 12.4% and railroads and their equipments 6.2%.

CROP OF TURKEYS IS SHORT.

Decreases of from 15 to 26 per cent in the number of turkeys grown this year in eight States are reported to the United States Department of Agriculture.

Most of the birds hatched later than usual, which indicates that many intended for the Thanksgiving market will be immature and light in weight, or that a larger proportion than usual may be held over for the Christmas market. The general condition of a majority of the crop ranges from fair to good, with small percentages reported as excellent and somewhat larger percentages reported as poor.

The season has been distinctly unfavorable to turkey production in Illinois, Minnesota and Tennessee. Spring conditions were late, cold and wet. Many young birds were chilled and died shortly after hatching. Many growers in Texas reduced their flocks as a result of low prices last season.

FARMS FOR SALE

WASHINGTON COUNTY FARM—163½ acres located near Winslow about one-half mile from highway; 30 acres in cultivation, some good bench land that can be cleared; a variety of fruits and berries such as apples, peaches, plums and cherries; Winslow school is within two and one-half miles. W. B. Capps, Naples, Tex.

LARGE FARM, IMPLEMENTS AND STOCK—420 acres of valley land, fine for fruit, timber for practical use, seven never-failing wells; four sets of improvements in good condition. Will include a stock of general merchandise, all farm implements and tools, a set of shop tools, sorghum mill, grist and feed mill, Ford truck and livestock including mules, horses and cows. Will sell land from seven acres up to suit purchaser, or will trade for property in Arizona or California. This farm is conveniently located on graded public road, one mile from high school and church, 16 miles from Monticello, 13 miles to railroad. Can give terms if desired. J. P. Baker, R. 3, Box 67, Wilmar, Ark.

SMALL TOWN HOME—Two-room house with small barn and cistern located on a lot 50 by 100 feet in Omaha, Ark.; healthful location, good school and church. Will trade or sell reasonably. Daisy Burlison, Lowry, Ark.

MONTGOMERY COUNTY FRUIT FARM—Eighty acres of fine fruit land located in good community near school and church with R. F. D. and telephone service; 50 acres fenced in, small orchard, balance in timber; three-room house with barn and other outbuildings; will include corn, hay, five head of cattle, a pair of mules, 100 chickens and wagon. No negroes in this community. Can give terms on part. L. R. Ray, R. 1, Box 24, Glenwood, Ark.

160-ACRE TRACT—160 acres, practically all of which is bottom land, 70 acres in cultivation. Cleburne Reid, Leola, Ark.

TWO IMPROVED FARMS—(1) 150 acres located three miles from Black Rock which has good church and school; 100 acres in cultivation, fenced with wire and rails, 75 acres in creek-bottom land; fair improvements on place; price \$16 per acre; will consider about \$800 in trade. (2) Eighty acres of bottom land located near Delaplaine; all is fenced; 30 acres in cultivation, good improvements, well at back door; one-mile to church and school; price, \$30 per acre; \$500 in trade. J. H. Butler, Black Rock, Ark.

EIGHTY-ACRE FARM HOME—A nice farm home located on the Caddo Gap road one and one-half miles from Glenwood. Old age is reason for selling. Henry C. McLean, Glenwood, Ark.

FOR SALE OR EXCHANGE—160 acres under fence, 65 ready for cultivation; located in good grain, tomato and tobacco growing section three miles from trading point; church and school near. Price \$3,000 or will trade for good business. J. L. Patton, Coin, Ark.

FARM AT BARGAIN PRICE—Forty-one acre farm located on main road one-half mile from Evansville; 25 acres in cultivation, four in pasture, balance in timber, eight acres of apple trees three years old; plums, apples, cherries and peaches bearing; five-room house, small barn, other outbuildings and good well on place. Will sell at bargain. M. C. Goldman, Evansville, Ark.

SEBASTIAN COUNTY FARM—156 acres, 60 in cultivation, balance in pasture, plenty of water and timber on place; 600 apple and peach trees, will produce \$1,000 worth of fruit this year and corn, cotton, hay, melons and potatoes will bring \$1,000; seven-room house and good barn; located two miles from Abbott depot, four and one-half miles from Mansfield, three-fourths mile from good school, railroad at door. Price \$4,000 if sold by November 15. J. A. Farmer, Abbott, Ark.

TWO FARMS FOR SALE—(1) 40 acres of low ridge land, 20 acres cleared and fenced; small orchard and two good cisterns on place; located on good gravel road three miles south of Walcott, Ark., one mile from high school, near three churches in good neighborhood; free cattle range. This land is in the Federal Loan with 29 years to pay. (2) Forty acres located one fourth mile from above mention-

ed tract, 3-room house, barn, blacksmith shop on place; 200 fruit trees, plenty of timber, 20 acres cleared, all fenced with wire; two springs, well and cistern on place. Will sell both farms at bargain prices. W. T. Hicks, Walcott, Ark.

UNIMPROVED FARM—Forty acres of unimproved land located one mile from Schaberg in Crawford county, near railroad, school and church. Will sell or exchange for smaller tract. Mrs. J. Williams, Early, Iowa.

FIFTY-FIVE ACRE FARM—Fifty acres in cultivation; good three room house, barn and other outbuildings on place; some timber on place; soil is sandy with some rock; running water through farm; on rural mail route. Price \$1,250, terms on part. B. C. Roberts, R. 1, Bellefonte, Ark.

HEMPSTEAD COUNTY FARM—Forty acres of land cleared, 30 in cultivation, lots of timber; forty acres of woods pasture; five-room house and three-room house on place; orchard, vineyard and good water; 2 miles from railroad town, 14 miles south of Hope; a splendid location for hardwood sawmill. Good abstract title. Price \$2,000. James O. Gilley, R. 2, Box 21, Patmos, Ark.

IMPROVED ARKANSAS FARM—178 acres, located in Randolph county, one and one-half mile to church, school and good town, 85 acres in cultivation, 20 in pasture and 73 in timber; soil is mostly black loam, corn, clover and timothy being the principal crops; wells and creeks furnish good water supply; 35 fruit trees on place; two-story eight-room house with concrete foundation, 3-room tenant house, two large barns and several other convenient outbuildings; fenced with boards and rails. Price \$56 per acre, good terms. Possession given next spring. A. Shipman, R. 1 Box 11, Warm Springs, Ark.

IMPROVED FARM—Thirty-eight and one-half acres, 35 in cultivation, good orchard and well on place; house and other improvements. E. W. Spears, R. 1, Heher Springs, Ark.

290-ACRE TRACT—290 acres located five miles southeast of El Dorado near state highway; 90 acres of good sandy loam soil in cultivation; 100 acres leased; this would make fine dairy; truck or fruit farm, it is well watered and timbered. Will sell for \$50 per acre with all oil and mineral rights except 1-16 royalty on 160 acres T. J. Hollis, R. 2, El Dorado, Ark.

STONE COUNTY FARM—160 acres, 27 in cultivation, good orchard with variety of fruits; house, barn and other outbuildings on place; well water; school, post-office and church convenient. A bargain at \$600, half cash, terms on balance. Old age is reason for selling. G. M. Tindall, Ben, Ark.

FOR SALE OR EXCHANGE—Forty acres of land near Athens in Howard county, most all land is in cultivation, plenty of timber, good water, near school. Will sell or trade for a good one-ton truck. Tom B. Pate, Athens, Ark.

FARM IN PEACH SECTION—130 acres; located six miles from the largest peach orchard in the world and two miles south of Centre Point; 50 acres in cultivation, six in Bermuda grass meadow, 70 acres in timber; several thousand feet of virgin pine located in No-Fence Law District; good well water; two miles from school and church, eight miles to railroad. Part cash and terms on balance. W. D. Lee, Centre Point, Ark.

BAXTER COUNTY FARM—Sixty-five acres of improved land and three or four other improved places near depot. White and North Fork rivers and convenient to bank, stores, churches and high school. Want to exchange for a tract, preferably with tenant houses or will sell on easy terms. M. L. Chamberlain, Gulfport, Miss.

IMPROVED SEVIER COUNTY FARM—40 acres, 30 fenced, 20 in cultivation, 20 in good bottom land, on county road and mail route, near school and church, new four-room house with large porch, good outbuildings, well in yard. Price \$1,000 with terms. Geo. L. Hopkins, Star Route, Gillham, Ark.

STATE SHOULD HELP CONSERVE FOREST RESERVES.

By Dr. A. C. MILLAR,
Secretary Honorary Arkansas Forestry Commission.

Originally our state was an almost unbroken forest. Except in small areas in some ten counties the forest primeval prevailed. The prairies were considered worthless, and the best soil was where the trees were biggest. To have a good farm, clearing was necessary. As there was no market for logs they were piled and burned.

A little later local sawmills consumed small quantities for local demands, and good lumber was "dirt cheap." Then, as Eastern and Northern timber became scarce and the price of lumber rose, great corporations bought Arkansas wood lands in large tracts; big mills were established; and lumber became one of our chief commercial products. At first these mills cut only the best trees and left young trees which in ten or twenty years would be good saw timber; but, later as the price increased, the smaller trees were also cut, and, at last, practically nothing but shrubs and defective trees were left on the cut-over lands.

For the companies this policy is for the present profitable; but for the state and for future generations it is ruinous. However, the lumber companies should not be blamed. They have been doing just what most of the farmers have been doing—taking as much as possible of immediate value without considering the necessities of the future. If the farmer will not protect his land from deterioration, although he would get returns from year to year, why should the lumber companies be expected to lose a present profit for a problematic gain a generation hence when all of the stockholders are beyond the need of earthly profits?

Until recently our best people have looked with complacency upon the vast stretches of cut-over lands because the opinion prevailed that these acres would soon be cleared and devoted to agriculture. Now we are startled to learn that most of these lands are not suited to profitable farming and that the demand is so meager that there is not the remotest prospect that one acre in a hundred of these waste lands will ever be needed or used for agricultural purposes. The rich lands in river and creek bottoms if they can be drained and protected from overflow, will gradually be fully cleared and subjected to cultivation. But at least half of our state is either mountainous or poor, flat land practically worthless for anything but the growing of trees. For these lands the time has come to regard timber as a crop.

Less than one-fourth of our virgin forests is left. By practicing scientific forestry this may be maintained as a perpetual forest. By reforesting, another fourth may be restored and in twenty-five years begin to produce, and in fifty years be almost as valuable as it was originally. With one-half of our lands forever devoted to its greatest possible crop, our state would have a tremendous and increasingly valuable asset which would maintain a great in-

dustry, supply a real human need, and furnish, through equitable taxation, a sure revenue for all of our state institutions. Not only are these things to be accomplished by preserving our forests, but these forests guaranty sufficient rainfall and protection from erosion and destructive floods. It is almost too late to get the best results, but by quick and concerted action we may save ourselves from impending disaster.

Protection against fire is a primary and necessary condition. Even large trees are retarded by forest fires; and it is impossible to reforest cut-over lands when annual fires or even occasional fires, destroy the young trees and impoverish the soil itself by burning the leaves and grass which are necessary to maintain fertility and prevent erosion.

It is estimated that this year Arkansas forests have been damaged to the extent of \$5,000,000. This is an utter and useless waste. To prevent it there must be provision for organizing and educating the people so that every citizen may become intelligently interested and ready and available for co-operative service.

BLACK WALNUT PROMISES TWO CROPS—TIMBER AND NUTS.

Because of the high quality and beauty of its timber and its resistance to decay, the food value and popularity of its nuts, and the charm of the tree from an ornamental standpoint, the black walnut challenges attention as a tree worthy of extensive planting in waste places on Arkansas farms.

In earlier years it was deemed best to grow black walnut in close plantations. As a consequence the increase in diameter was slow and the annual rings narrow. Today the market demand in walnut lumber is for wider rings giving an attractive grain. That means the trees must be given room to make more rapid growth than when close together, and it also means earlier and larger crops of nuts.

Black walnut grows best in fertile, moist, well-drained soil under average conditions of temperature and moisture.

It is not recommended to grow the black walnut as a major farm crop on extensive areas of good land, because it can not compete in profits with other farm crops. But it is urged to plant this tree in those neglected or waste areas of good soil in fence corners, along fence rows or stream banks, on hilly or rough places, in ravines, and in rocky out-croppings in fields and pastures where weeds or inferior species now grow. In such places the black walnut in the regions where it thrives should be a good investment.—Farmer's Bulletin, No. 1392.

GAS TAX IN ARKANSAS HEAVIEST IN UNITED STATES.

Arkansas has the highest gasoline tax of any state in the Union—four cents on each gallon sold. Nine states have a three-cent tax, two states have a two and one-half cent tax, 15 states have a two-cent and eight states have a one-cent tax. Thirty-five states and the District of Columbia are now collecting this kind of tax.

Homeseekers Who Want to Buy Arkansas Farms

Chas. Schnuckel, Park Place, Box 363, Houston, Texas, writes for Arkansas literature as he expects to locate here soon and desires to find a place where fruit raising is most successful.

V. B. Gray, 912 Linden Ave., Trinidad, Colo., wishes to locate in the southern part of Arkansas where health conditions are good. He expects to buy a farm there in the near future.

Frank Newman, 607 S. Mich. St., South Bend, Ind., requests information concerning homestead land in Arkansas. He is thinking of locating here.

J. A. James, 709 Oak St., Evansville, Ind., asks for Arkansas literature and prices of Arkansas land for sale.

Andrew Ewing, Independence, Mo., wishes to locate in the Arkansas mountains and requests information concerning same.

Wm. T. Ross, Guilford, Mo., asks for information concerning homestead land in

north Arkansas and the sheep-raising business in that section.

E. C. Cleveland, 930 N. Ridgeland Ave., Oak Park, Ill., is thinking of making Arkansas his home and requests information concerning the sections most suitable for general farming together with raising poultry, cows and pigs. He would want to locate near a high school and Experiment farm.

K. R. Alexander, 101 Dale St., Oglesby, Ill., is looking for a home in Arkansas and requests our literature.

Elmer J. Mahnke, Farmersburg, Ia., asks for literature on agricultural opportunities in Arkansas. He is interested in diversified farming, also dairying and sheep raising.

Dr. G. Seastrand, Route No. 4, Barrington, Ill., requests information concerning farm lands in the Ozarks, the climate and principal crops and at what price land can be obtained.

FARMERS' EXCHANGE

Conducted Jointly by the Agricultural Extension Division, University of Arkansas, the U. S. Department of Agriculture, and the State Department of Agriculture.

LIVESTOCK FOR SALE.

Extra choice Duroc Red pigs, subject to registration; long body, big bone, cherry red; low prices. If you are interested in large and better Durocs write us. Hill Top Fruit & Poultry Farms, Harrison, Ark.

Red Pool (Muleys) cattle for sale. Mrs. T. F. C. Lamb, Hill Top, Ark.

One registered Holstein bull, three years old, papers furnished; \$50, f. o. b. Mist; one Holstein cow, six years old, papers furnished, no bad habits, \$125, f. o. b. Mist; one Holstein heifer from above cow, 20 months old, \$25; one heifer that is three-fourths Holstein and one-fourth Durham, 20 months old, \$25, f. o. b. Mist. J. E. Cook, Mist, Ark.

Two high grade Holstein heifers, will trade one or both for young hens. J. E. Cook, Mist, Ark.

Two young mules large enough to work and a horse and mare for sale. Would trade for a car of equal value. Mrs. T. F. C. Lamb, Hill Top, Ark.

For sale or trade, young hounds 12 to 18 months old, \$15 per pair; pups 8 to 12 weeks old, \$10 per pair. G. W. Napier, Hutton Valley, Mo.

Two fox and tree hounds, two years old, half Beagle and half Walker. Well trained, \$30 a pair. One Red Bone female four years old, fox and tree hound, \$25. Two three month old half red bone and half English male pups, \$15 a pair. N. R. Scrivner, Everton, Ark.

Fox terrier pups, males \$5, females \$3.50. Now ready to ship. Alonzo Hedges, Charleston, Ark.

Seven 1924 canary singers for \$5 each; two registered singers for \$10 each and one 1923 singer for \$8; all splendid singers; two females for \$2.50 each. Mrs. J. A. Geren, Box 127, Junction City, Ark.

Two-year-old high grade Holstein bull; pure-bred big bone Poland China, male or sow, six months old, \$12; Toulouse geese. A. Ballenbach, Lonoke, Ark.

One pure-bred Jersey bull, one year old, ready for service; will sell right. Garland Trickett, R. 4, Booneville, Ark.

POULTRY FOR SALE.

Pure-bred Rhode Island Red hens and cockerels, famous egg laying strain; also pure-bred Bourbon red Turkeys, toms and hens. Bargain prices. Hill Top Fruit & Poultry Farms, Harrison, Ark.

Buff cockerels for sale, or will exchange for pullets. Mrs. W. R. Housewright, R. 4, Hope, Ark.

Twenty choice brown leghorn pullets at 85 cents each; a few cockerels at 75 cents each. They are the single comb and dark brown everlay strain. M. M. McCall, Bradford, Ark.

Brown Leghorns, Barred Rock, White Rock and Rhode Island Red choice cocks, hatched April 1st; Leghorns and White Rocks, \$3 each; Barred Rocks and R. I. Reds \$5 each. E. A. Witherington, Locust, Box, Hamton, Ark.

Barred Rock cocks and cockerels, winners at \$3 to \$6 each; few laying pullets, \$1.50 each. Satisfaction guaranteed. C. J. Finger, Jr., R. 6, Fayetteville, Ark.

Genuine English S. C. White Leghorn pullets, \$1 each. Will trade for a good typewriter. Also some good cockerels, \$1 each. Mrs. A. K. Dodgen, Oak Grove, Ark.

Pure Park's "bred to lay" Barred Rocks, cockerels \$2 each, pullets \$1 each. Virgil Mead, R. 1, Judsonia, Ark.

Single Comb R. I. Reds, cockerels \$3 each, pullets \$2 each. Mrs. Maud Lewallon, R. 2, Box 125, Hope, Ark.

Silver laced Wyandottes, Light Brahmas, Buff Orphingtons, R. I. Reds; early pullets and cockerels, \$2 each, in dozen lots \$150 each; Fawn and white or pure white Indian Runner ducks, heavy laying strain, \$2 each, \$5.50 trio or 6 for \$10. All are nure bred. Mrs. Mildred Miller, Box 41, Freedom, Okla.

Rhode Island White cockerels, \$1 each. Mrs. Henry Giger, Bentonville, Ark.

Six white leghorn stags, just crowing, five point kind, 75 cents each. J. E. Cook, Mist, Ark.

S. C. White English Leghorn cocks, \$2 each; cockerels, \$1.50 each; pullets, 75c each. Mrs. D. C. Davis, Pangburn, Ark.

MISCELLANEOUS FOR SALE.

Beautiful home-knit woolen hosiery for men, ideal Christmas presents, all colors in heather mixtures, \$1 per pair, prepaid. Mrs. Isabel Francis, R. 2, Box 95, Arkadelphia, Ark.

Canned pumpkin cooked down ready for pies, No. 2 cans \$1.20 per doz., 2 doz. to case; canned string beans, No. 2 cans \$1.20 per doz., 2 doz. to case; canned tomatoes \$1.15 per dozen, 2 doz. to case; pure cane sorghum, No. 2 cans net weight two lbs., per can, 25 cents, 2 doz. to case. Mrs. A. K. Dodgen, Oak Grove, Ark.

Genuine white Burley tobacco, red leaf chewing or light leaf smoking, 3 lbs. for \$1 postpaid, none better. A. K. Dodgen, Oak Grove, Ark.

Twenty bushels of Wannamaker Cleveland, made one bale to the acre on pine prairie this year, \$2.50 sacked, f. o. b. Mist. J. E. Cook, Mist, Ark.

999 Progressive Everbearing strawberry plants, 30 cents per dozen; sage sprouts, ten for 50 cents, postpaid. Mrs. T. F. C. Lamb, Hill Top, Ark.

One small business house with restaurant, candy shop and small stock of groceries. Will consider a Ford car in first class condition for the building and will invoice the stock or will trade for small place or farm, all must be clear of incumbrance. This is a good location seven miles from town on good roads, no taxes to pay on building. R. A. Hamilton, Healing Springs, Ark.

Airedales, special prices on brood females, hunters and pups. D. O. Bryan & Son, Willow Springs, Mo.

For sale or trade, young hounds 12 to 18 months old, \$15 each or \$25 per pair; pups 8 to 12 weeks old, \$10 per pair. G. W. Napier, Hutton Valley, Mo.

Two fox and tree hounds, two years old, half Beagle and half Walker. Well trained, \$30 a pair. One Red Bone bitch, four years old, fox and tree hound, \$25. Two three-month old half red bone and half English male pups, \$15 a pair. N. R. Scrivner, Everton, Ark.

One new Winchester rifle, 38 calibre; good condition; half priced. Lee Steinsick, Alma, Ark.

Fifteen cars of ear corn for sale. Byron Butler, County agent, Malvern, Ark.

Walnuts for sale, \$2 a bushel. Sidney Faulkner, Cherry Valley, Ark.

Belgian hares, 5 months old, \$2.50 a pair. N. B. Faulkner, Jr., Cherry Valley, Ark.

Airedales, special prices on brood females, hunters and pups. D. O. Bryan & Son, Willow Springs, Mo.

SEEDS AND PLANTS

Sixty tons of Cleveland variety of cotton seed, \$75 per ton in ton lots, \$60 per ton in car lots. Ben F. Fearing, Parkdale, Ark.

One year old Concord and Moore's early grape plants, 5 cents each or \$3 per 100; \$27 per 1,000; \$24 for 1,000 for 5,000 or more. Also peach, apple and cherry stock. O. L. Durham & Sons, R. 2, Stella, Mo.

WANTED.

One hundred pounds of clean, broken rice. Send prices to S. E. Smith, Vilonia, Ark.

Thoroughbred English or Mastiff bull dog. Will exchange a collie for it. R. A. Bettis, Quitman, Ark.

Young pure-bred Guernsey bull at reasonable price; must be from tested herd and subject to registration. Would also consider bull calf six to eight weeks old. C. N. Banister, Box 175, Gould, Ark.

W. H. Suffern Grain Co., Decatur, Ill., wants a carload of good grade feeding hogs at approximately 80 to 100 pounds in weight. They want hogs which have not been vaccinated and also ask for prices f. o. b. car.

Corn agents wanted to engage and handle snapped corn in car load lots. Write me prices that you can get and commission expected. Dallas J. Tyson, Morehouse, Mo.

One hundred White Leghorn hens, 10 to 20 months old. J. E. Cook, Mist, Ark.

Vandiver's heavy fruiter cotton seed to exchange for same number bushels of pure

big boll Rowden seed. My seed are pure, ordered last spring. M. M. McCall, Bradford, Ark.

Pheasants, Buff Cochins bantams. Will buy or trade for same. P. O. Box 171, Hartman, Ark.

We are buyers of sweet potatoes, either green or kiln dried and are in the market for them in any part of the state at all times. The J. L. Cannon Co., De Queen, Ark.

Share cropper that can cultivate from 50 to 80 acres of cotton—grows a bale to the acre. Family with 5 or 6 boys preferred. Chas. Hooker, B. 72, Gainesville, Ark.

CAMDEN SPENDS A FORTUNE FOR OKLAHOMA BUTTER.

J. G. Phillips of Camden states that \$10,000 worth of butter was purchased and shipped into Ouachita county in one year from the State of Oklahoma, and gave it as his opinion that if the cattle fever tick were eliminated, the milk for this butter could easily be produced in Ouachita county. This would disseminate money among the farmers of this county, adding to the general prosperity of the business interests.

PARASITES HANDICAP THE STOCK INDUSTRY IN SOUTH.

Although the eradication of the cattle tick in the Southern States is resulting in a rapid increase in meat and milk production in that region, other important work remains to be done before the livestock industry in those States can reach its best development, says Dr. B. H. Ransom of the Bureau of Animal Industry, United States Department of Agriculture. Because of the climate, he says, internal parasites do relatively more damage there than in the colder parts of the country, and as the animal population increases, as a result of the elimination of the ticks, these other pests will do more and more damage.

Large amounts of money have been invested in the past 25 years by the Federal Government and the Southern States in tick work, which has been most successful, and to protect this investment, Dr. Ransom believes, it will be necessary to give increasing attention to a study of the problems arising from the presence of many internal parasites, including stomach worms, lung worms, and many kinds of intestinal worms.

The Bureau of Animal Industry has had conspicuous success in its investigations of certain internal parasites, notably the hookworm, and the roundworms or ascarids of swine. The very fact, however, that success has been attained in these fields has increased the routine work of the few men engaged upon research work to such an extent that it has been found impossible to carry on further research which is greatly needed.

MORE FARMS FOR SALE

ARKANSAS COUNTY FARM—46 acres near St. Charles, for \$750; liberal terms. Or will sell with place, wagon, team, buggy, two sets of harness, implements, 75 bushels of corn, chickens, price \$1,000. Also 40 acres near Cascoe for \$600. Would take Ford touring car as part payment. T. M. Ellis, Box 154, St. Charles, Ark.

80 ACRES BENCH LAND—40 acres fenced, house, good water, fruit, near school and church, good roads, 7 1-2 miles from West Fork. Joe E. Miller, R. 3, B. 86, Fayetteville, Ark.

IMPROVED FARM IN OIL SECTION—80 acres, 35 in cultivation, 5-room bungalow, tenant house, barns, fruit, near school; will drill for oil in 2 miles of farm. L. J. Mann, R. 1, Prescott.

200 ACRES HILL AND BOTTOM LAND—In cultivation, good meadow and pasture with running water, woodland, house, 2 barns, poultry houses, dipping vat, orchard, half mile from station. Mrs. Lizzie McAllister, 302 Clinton St., Arkadelphia, Ark.

LEVEL VALLEY FARM—80 acres, on asphalt pike, near college town, 7-room bungalow, fine meadow, corn, hay, team of mules, colt, 3 cows, hogs, wagon, farming implements. Price \$450. H. M. McCready, R. 4, Conway, Ark.

FARM IN FRUIT BELT—20 acres, 17 in cultivation, 3 miles north of Alma; new 4-room bungalow, 10 young apple

trees, 150 Elbert peach trees; team of mules, wagon, harness, cow, farm implements. Price \$1,500. Terms. Lee Steinsick, R. 5, Alma, Ark.

LONOKE COUNTY LAND—60 acres, near high school, good roads, price reasonable. J. W. Kimbrell, R. 2, B. 30, England, Ark.

40-ACRE TIMBER TRACT—Located on county road, 2 miles from Rupert, 1 1-2 miles to school. Land suitable for fruit or truck growing. Price \$1.50 an acre if sold at once. Ben Russell, Rupert, Ark.

FARM IN THE OZARKS—65 acres, 36 in cultivation, 10 more can be cultivated, fenced with wire. Near school and highway, on good fishing stream; 5-room house, 2 barns, 2 springs; will include 3 mules, 1 horse, hogs, cattle, chickens, geese, farm implements, wagon and Ford car; or will sell farm only; good title. C. E. Wade, Cave Creek, Ark.

WASHINGTON COUNTY FARM—Land, stock, crop and farming implements for sale; located near Brentwood. M. C. Howell, Wyola, Ark.

78 ACRES IN NEWTON COUNTY—Eight acres cleared, small house and barn, good fence, two springs, less than half mile from highway now being built, rich bench land, several acres to clear, several thousand feet of pine and hardwood timber—estimated 50,000,000; abstract title, for \$600.00 with terms. Geo. A. Franks, R. 2, B. 18, Fallsville, Ark.

80 ACRES IN THE BOSTON MOUNTAINS—60 acres cleared and under fence, small orchard, 5-room house, good barn, other outbuildings, fine garden, well in yard, several springs, free range, on highway now being built, an ideal place for a country store and blacksmith shop. Price \$1,500 with terms to suit. J. W. Mosier, R. 2, B. 5, Fallsville, Ark.

ARKANSAS COUNTY LEADS IN NET FARM INCOME.

Arkansas ranks first in the average net income per farm in Arkansas, according to the United States Census report for 1919, the annual revenue of the average farm was \$4,809. Mississippi county had the largest net income of any county in the state.

ALUMINUM COMPANY IS CITED FOR UNFAIR TRADE PRACTICE.

On top of the revelation, made through the Federal Trade Commission, that the Aluminum Company of America stands charged with being a monopoly, cited for unfair trade practices, comes the revelation that this company received from the government in 1923 the sum of \$15,589,614.39 on an amortization claim covering the years 1918 and 1919.

The Trade Commission not only shows the Aluminum Company to be a monopoly, controlling the output of aluminum and aluminum utensils, so necessary in every household, hospital and elsewhere, but that it has benefited hugely in higher prices under the high tariff duties imposed by the Fordney tariff bill.

NEW FOOD PLANTS FOR SOUTH.

Taros and yautias, two promising new food plants for the South have been adapted for cultivation as annual crops in the southern United States through the efforts of the United States Department of Agriculture. As food the corms and tubers of the taros and yautias are comparable with the potato, though on account of being drier, most of the better kinds contain much higher percentages of starch and protein. Maturing in the early fall and winter, when home-grown potatoes are scarce, these new crops have high potential value for the far South. The young leaves of all varieties, after being cooked by special methods to destroy their acidity, are eaten as greens. The flowers may also be cooked and eaten.

The dasheen type of taro has proved to be the most valuable for cultivation in the Southern States. The other good taros and promising yautias are described in Department Bulletin No. 1247, just issued by the United States Department of Agriculture. A copy of either or both of these bulletins may be had as long as the supply lasts, upon request from the United States Department of Agriculture, Washington, D. C.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

JUN 16 1925

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LITTLE ROCK, ARKANSAS

MAY-JUNE, 1925

Control of Noxious Weeds in Rice Territory to be Started June 10

Vigorous Effort to Be Made to Prevent Damage to One of State's Most Important and Highly Valuable Food Crops.

COUNTIES TO BEAR THE SMALL EXPENSE

Co-operation of County Officials and Growers Needed. Value of Crop \$9,611,784, Expense Only \$2,300.

NOXIOUS weeds grow and are apt to grow in the rice fields of Arkansas during the period of irrigation. All weeds known as noxious weeds develop small seed which mix with the rice in such a manner as to make separation impossible. This very materially lessens production and affects the market value of the rice which is produced.

Weed Control Law Made.

Careful rice growers, who recognize the danger and damage from noxious weeds, have been consistently careful in seeing to it that these weeds were not allowed to mature. However, their efforts were largely offset by carelessness on the part of other growers, and by the growth of noxious weeds in idle fields. The danger became so imminent to the rice industry that the 45th General Assembly recognized it and enacted Act No. 262, which is an act to provide for the control of certain noxious weeds in rice growing districts and to provide penalties for its violation.

Under the provisions of Act 262 the Commissioner of Mines, Manufactures and Agriculture is charged with its enforcement. It is his duty to appoint a deputy who shall devote his time throughout the months of

June, July, August and September exclusively to the control of noxious weeds in the rice growing counties.

The law provides that anyone who shall fail to rid their fields of noxious weeds before they produce seed shall be fined in any sum not less than \$1.00 for each day of default, and shall be subject to damages in a civil action for the Commissioner's expense in going on to the land and destroying the weeds, and shall further be liable for a reasonable attorney's fee and shall pay to the county a sum not less than \$1.00 nor more than \$250.00 as punitive damages.

Eleven Counties to Pay Cost.

Cost of enforcing the law is to be prorated amongst the rice growing counties in proportion to the amount of rice grown in each county. It is the duty of the Commissioner to compute the expense of each of the various counties.

Eleven counties are included in the rice growing district of Arkansas. They are Clay, Craighead, Poinsett, Cross, St. Francis, Lee, Monroe, Woodruff, Lonoke, Prairie and Arkansas.

Commissioner Wilkes completed his computation of the expense of
(Continued on Page Two.)

Governor Terral Appoints Special Textile Industry Committee

Commissioner W. N. Wilkes and Ten of State's Leading Business Men Officially Designated to Boost Textile Mill Development.

CHAMBERS OF COMMERCE TO HELP.

Governor Terral, in keeping with his announced intention to do constructive things for Arkansas, has announced the appointment of a committee whose function it will be to interest Eastern spinners in locating textile mills in Arkansas. The committee is composed of some of the state's leading men. They are: W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock; Luke Munroe of Washington county; Chas. S. McCain, Little Rock; Roy L. Thompson, Little Rock; Joe L. Davis, Magnolia; H. C. Couch, Pine Bluff; W. H. Johnson, Fort Smith; Chas. Murphy, El Dorado; G. W. Puryear, Jonesboro, and Al Erwin, DesArc.

"This committee," the governor said, "will have official authority to visit Eastern textile centers and lay before the spinners Arkansas' many advantages as a textile manufacturing state. While the state has not," he said, "any funds available for the financing of the committee's activities, there is no doubt in my mind that the various Chambers of Commerce and business organizations in the state will see to it that funds are forthcoming when called upon."

Wilkes Highly Pleased.

Commissioner Wilkes, when apprised of the action of the governor in this matter, said, "It has been one of my fondest hopes that I might have a part in making Arkansas one

of the foremost industrial states. The accomplishment of such a thing," he said, "will carry with it glory enough for everyone who helps. I am more than pleased to know that the ideas of the governor coincide with my own in the matter of building Arkansas industrially. Nothing," he said, "could be more heartening and encouraging than the knowledge that in such affairs my department has the whole-hearted support of the administration. With the support of the various Chambers of Commerce and civic bodies and the co-operative effort of the various branches of state government petty political maneuverings can be adjoined and Arkansas brought to her proper place in the galaxy of states," said Mr. Wilkes.

Co-ordination Wanted.

"I feel," said Governor Terral, "that Arkansas needs more of constructive statesmanship and less of petty, machine-building politics. Arkansas," he said, "is really the *Wonder State*. We have every factor necessary to the textile industry, namely: Raw material, cheap constant power, transportation facilities and a class of citizens who are of such a high order of intelligence that they quickly will become skilled operatives. Already," the governor said, "the South is spinning more pounds of raw cotton than the balance of the United States, but Arkansas is not
(Continued on Page Two.)

FARMERS UNION COTTON GROWERS ASSN. HAVING STEADY SUBSTANTIAL GROWTH

Sales Manager Gives Out Concise Statement of Policies.

EXPENSES HELD DOWN —SALES PRICES BIG

Commissioner W. N. Wilkes is deeply interested in the future of the various attempts of Arkansas farmers to better their condition through their own sales organizations. He is firmly convinced that the fundamental principles of co-operative marketing are correct, and that if properly, consistently and economically applied by sober, conservative, unselfish men, increased prosperity will result.

Much has been heard lately of the sure, steady growth of the Farmers Union Cotton Growers Association. W. C. Blackwell, sales manager for the Association, when asked for a statement of the Association's policies recently, gave out the following statement. He said:

Sell Only Cotton.

"The Farmers Union Cotton Association is composed of members of the Farmers Union who are cotton growers. Its purpose is to sell cotton co-operatively from the producer to the consumer. Our association sell nothing but cotton. We do not deal in futures. The law under which our association is organized does not permit us to sell futures, speculate or gamble. Even if it were permitted under the law, the terms of the association's contract with its members are such as to preclude such dangerous activity."

Is Safe and Conservative.

"One of the questions most commonly asked about the association is," said Mr. Blackwell, "Is it a safe selling agency for its members?" "That can only be answered," he said, "by saying that the safety of the association depends wholly upon the character of the men who constitute the official force. No law can prevent crime or wrong doing. The association can be no safer than its officials. This is true in all lines of business, and the individuals can best answer the question for themselves by determining the character of men who have the association's operation in their hands."

"It is a source of great satisfaction to everyone connected with our association," said Mr. Blackwell, "for us to be able to say that our association has never been sued by any of its members nor by anyone with whom it has done business. We have, therefore, not been obliged to spend any of our members' money for the payment of court costs or in the settlement of contemplated litigation."

Salaries Moderate.

"Our association," said Mr. Blackwell, "has now been in existence as a selling medium for its members four years. No

other co-operative cotton selling organization has thus far been able to show as high a net return to members as the Farmers Union Cotton Growers Association," he said, "and in addition to that record, of which we are justly proud, the association has settled with its members for their cotton earlier than any other co-operative selling organization."

"There are two reasons," Mr. Blackwell said, "for our having attained high net returns for the cotton of our members. First, is our practice of selling cotton as near to the spinner as possible. The second reason is the association's policy in holding expenses to a minimum. We believe that an association of this character should maintain a certain dignity in the cotton world," said Mr. Blackwell, "however, we feel that the dignity of such an organization as ours rests largely in its members, rather than in the payment of large salaries. We have not found it necessary to pay exorbitant annual salaries in order to secure the services of capable, conscientious men to act as officials for our organization," he said. "The highest salary which we pay to any official is \$2,500 per year."

Credit Unexcelled.

"The principal asset of the association is the service which the association, through its officials, has rendered and is rendering to its members," he said, "and at the end of four years of the association's history we find the association with a credit standing which is unexcelled in the world of finance. It has never had any trouble in financing the marketing of its members' cotton and is in a much stronger position today than it was when its operation started four years ago. It is growing stronger steadily and surely each year."

Advertising Inexpensive.

Mr. Blackwell stated that the Farmers Union Cotton Growers Association has been content to use only one medium of advertising. "We feel," he said, "that a mushroom growth brought about by flaring banners and blaring trumpets would not be substantial. We are content, therefore, to allow ourselves to be advertised voluntarily by satisfied members and customers. This will bring about, we feel sure," said Mr. Blackwell, "a growth comparable to the growth of the oak."

Honest and Economical.

"It is impossible," Mr. Blackwell said, "to say just how long the association will endure. However, it will last and continue to do business just as long as a policy of strict economy and absolute honesty is adhered to. As long as the association's destiny is in the hands of the officials who now have charge of it, strict economy and absolute honesty will be the association's policy."

Arkansas ranks ninth in the low rate of taxation on farm land.

Arkansas produces more precious pearls and commercial pearl shells than any other state.

CONTROL OF NOXIOUS WEEDS IN RICE FIELDS

(Continued from Page One.)

enforcing the weed inspection law for 1925 on May 7. He estimated that the total expense would be about \$2,300. This amount was divided amongst the rice growing counties in proportion to the rice grown in each county in 1924. Arkansas county grew 3,690,000 bushels and its proportion of the expense is \$1,236.20. This is the largest amount any one county will have to pay and the least amount is \$13.50 for Clay county, where only 40,500 bushels were grown in 1924.

Expense Very Small.

The number of bushels of rice grown in each county and the approximate value in 1924 is as follows:

COUNTY	BUSHEL	VALUE
Arkansas	3,690,000	\$5,166,000
Prairie	985,600	1,379,840
Lonoke	882,000	1,234,800
Poinsett	557,200	780,080
St. Francis	185,040	259,056
Woodruff	143,000	200,200
Cross	135,540	189,756
Lee	105,080	147,112
Craighead	100,320	140,448
Monroe	41,280	57,792
Clay	40,500	56,700

TOTALS.....\$9,611,784

Twenty-three hundred dollars spent in the protection of such a vast industry certainly cannot be regarded as extravagance.

Co-operation Important.

Like all other laws, this law can be made fully effective only by the closest co-operation between the enforcement official and those whom it is designed to protect. Commissioner Wilkes is extremely desirous that this law shall be of maximum benefit to rice growers and through them to the prosperity of the entire state. He urges and asks complete co-operation on the part of every official and private citizen interested in the welfare of the rice industry.

Judges Notified.

Letters notifying the county judges of the various counties what each county's proportion of the expense will amount to were mailed out by Mr. Wilkes on May 7. He reports that remittances have already been received from several counties.

No announcement as to who will be in charge of the weed inspection work has yet been made. The work will be started June 10.

Arkansas produces more rice to the acre than any other state in the United States or any other country in the world.

GOV. TERRAL APPOINTS SPECIAL COMMITTEE

(Continued from Page One.)

among the states making this so. The old practice of paying freight on raw material to manufacturing centers, freight on the return of the finished product and a profit that goes to pay high wages to the workers in other states and dividends to foreign operators is economically wrong. Certainly," he said, "if we keep this two-way freight and pay the wages to Arkansas workers, Arkansas as a whole will benefit. Arkansas," the governor said, "should be one of the nation's greatest industrial states; and with the proper co-operation between the Department of Mines, Manufactures and Agriculture, the state's business men and the governor's office it can be made that. I know," he said, "that all are eager to see the state go forward industrially. Therefore, in order to forestall duplication of effort and waste of time and money, I have thought it advisable to name a committee of representative business men and W. N. Wilkes, to co-ordinate all efforts. It is my hope that this committee will direct all scattered efforts into one main channel so that the greatest good may result in the shortest time," he said.

Arkansas produces more cantaloupes than Colorado, more strawberries than California, and more apples than Oregon, Michigan or Missouri.

NEW BULLETIN ON STONE FRUIT DISEASES

"Diseases of Stone Fruits on the Market" is Farmers' Bulletin No. 1435, United States Department of Agriculture, by Dean H. Rose, of the Federal Bureau of Plant Industry. The bulletin is based partly on publications of State and Federal inspectors and partly on information gained by six years of inspection at terminal markets by the Food Products Inspection Service of the Federal Bureau of Agricultural Economics. One of the features of this service is to show on the inspection certificate the name of the disease that occurs in the car or storage lot. With the name known, the principal facts regarding the disease from the market standpoint can be found in this bulletin.

Copies of the Bulletin may be obtained by request to the Office of Information, United States Department of Agriculture, Washington, D. C.

Arkansas produces one-twelfth of the cotton and cotton seed products of the United States.

Arkansas possesses five million acres of reclaimed valley land and 1,470,393 acres of forest reserves.

ADVERTISING FOR ARKANSAS URGED

Time Has Come to Tell the
World About This State,
Says Mr. Taylor.

C. F. Holland of Little Rock was elected president of the Arkansas Commercial Secretaries' Association at the annual convention held in Pine Bluff on May 8. Chas. E. Taylor of Pine Bluff was elected vice president and M. E. Melton of Texarkana, secretary. Three other Chamber of Commerce bodies of the state were in session at the same time, the Arkansas Traffic League, President M. W. Martin presiding; Credit Bureau Managers of the state, J. J. Holloway of Little Rock presiding; Presidents and Directors of the Chambers of Commerce of the state, R. C. Stewart of Texarkana presiding.

A joint session of all bodies was held at the Hotel Pines at noon, Maj. W. J. Parkes, president of the local chamber, being toastmaster. Five-minute addresses were delivered by the following: R. N. Benson, president of the El Dorado Chamber of Commerce, for the presidents; Ray Gill, president of the Arkansas Commercial Secretaries' Association, for the secretaries; M. W. Martin of Little Rock, president of the Arkansas Traffic League, for the traffic men, and J. J. Holloway of Little Rock, for the Credit Bureau managers.

Joseph Leopold, manager of the Southern Central division of the United States Chamber of Commerce, delivered an address, and Charles E. Taylor of the Pine Bluff chamber led a round table discussion on the subject, "Advertising Arkansas."

Registration totaled 54, with 22 secretaries, 13 Credit Bureau managers, 11 presidents and directors and eight traffic managers.

Urges State Advertising.

Mr. Taylor's address on advertising Arkansas was in part as follows:

"Arkansas should be aggressively advertised to the world; and that advertising should be directed by its best friends—Arkansas' own citizens.

"Through many agencies there has grown an abiding feeling of Arkansas state pride.

"We must learn the lesson that some of the states seem to have acquired before us, namely, that community advertising must be continuous as well as earnest and intelligent, and it must appeal to the imagination of the prospective settler, as well as to stuff him with facts. If he is like some people I know, he may prefer to learn that the town of A is located near a narrow and swift-running river, noted for its fishing and its aquatic sports, rather than to be solemnly told that at the town of A is located the largest dictionary stand factory in the world.

"You will note that it requires a fine degree of self-restraint to know when to stop cataloging the state's resources. Every Arkansas person here is doubtless thinking right now of some Arkansas resource or other that I have omitted.

"The people of Arkansas this year should begin a movement to advertise Arkansas as

COMPLETE 1924 CROP REPORT TO BE READY DURING JUNE

As stated in the last issue, a complete report on 1924 crops has been completed by the bureau of crop estimates of the Department of Mines, Manufactures and Agriculture. At that time Commissioner Wilkes could not say definitely when the

report would be ready for distribution. It is now announced by him that it will be ready about June 25.

Following is a general summary taken from the report:

CROP	ACRES	YIELD	PRODUCTION	PRICE	VALUE	VALUE PER ACRE
Corn, bushels	2,200,000	16.5	36,300,000	\$ 1.07	\$ 38,841,000	\$ 18.24
Wheat, bushels	59,000	11.5	678,000	1.33	902,000	15.30
Oats (grain) bu.	275,000	20.0	5,500,000	.64	3,520,000	12.80
Rye, bushels	1,000	11.0	11,000	1.31	14,000	14.41
Rice, bushels	156,000	42.0	6,552,000	1.38	9,042,000	57.95
Irish Potatoes, bu.	36,000	74.0	2,664,000	1.28	3,410,000	94.72
Sweet Potatoes, bu.	36,000	80.0	2,880,000	1.27	3,658,000	101.60
Peanuts (grain) lbs.	16,000	535.0	8,560,000	.065	556,000	34.78
Cowpeas (grain) bu.	60,000	11.0	600,000	2.80	1,680,000	28.00
Soybeans (grain) bu.	1,400	14.0	19,600	3.00	58,800	42.00
Sorghum (grain) bu.	1,000	18.0	18,000	.80	14,400	14.40
Sorghum for syrup, gal.	36,000	58.0	2,088,000	.93	1,942,000	53.94
Ribbon Cane, gal.	2,500	70.0	175,000	1.60	280,000	112.00
Cotton (lint) bales.	3,150,000	167.0	1,100,000	.228	125,400,000	38.08
Cotton (seed) tons.	3,150,000	344.0	541,800	32.00	17,338,000	5.50
Hay (tame) tons.	563,000	1.08	607,000	16.40	9,955,000	17.71
Hay (wild) tons.	126,000	.75	94,500	12.70	1,194,000	9.52
TOTAL FIELD CROPS.	6,718,900				\$217,865,200	\$ 32.39

FRUIT AND TRUCK CROPS

CROP	ACRES	YIELD	PRODUCTION	PRICE	VALUE
Apples, bushel.			3,630,000	\$ 1.12	\$ 4,066,000
Peaches, bushel			2,800,000	1.02	2,856,000
Pears, bushel			124,000	1.25	155,000
Cherries, crate			4,900	3.50	17,150
Strawberries, crates	15,800	55	869,000	3.35	2,911,000
Blackberries, crates			22,000	3.50	77,000
Cantaloupes, crates	4,500	80	360,000	1.57	565,000
Watermelons, cars	950	290	276	185.00	51,000
Grapes, tons	2,460	1	2,460	70.00	172,200
Tomatoes, tons	10,600	2.9	30,800	12.50	385,000
Cucumbers, bu.	350	100	35,000	1.28	44,800
Radishes, bbls.			5,840	5.00	29,200
Beans, etc., bu.			32,000	1.50	48,000
TOTAL FRUIT AND TRUCK CROPS					\$ 11,377,350

GARDENS AND MISCELLANEOUS CROPS

Home Gardens	\$ 11,955.580
Pecans, 112,500 pounds	22,500
Other Nuts	2,400
Other Berries and Fruits	315,000
Grass, Seeds	58,000

TOTAL GARDENS AND MISCELLANEOUS CROPS	\$ 12,435,000
GRAND TOTAL ALL CROPS	\$241,636,000

SALES FROM LIVE STOCK AND ANIMAL PRODUCTS LIVE STOCK

Horses and Mules (sold) (24,100)	\$ 1,325,500
Cattle and Calves (sold and slaughtered) (231,800)	3,592,900
Sheep and Goats (sold or slaughtered) (49,000)	147,000
Swine (sold or slaughtered) (460,000)	3,680,000
	\$ 8,745,400

ANIMAL PRODUCTS

Milk, Cream and Butter	\$ 15,741,000
Poultry and Eggs	14,620,000
Wool and Mohair	98,500
Honey and Wax	139,700

GRAND TOTAL, Value of all crops, animal products and live stock increase	\$ 30,599,200
	\$280,950,000

a state. This movement, properly launched and carried forward, would result in raising ample funds with which to make a good start toward putting Arkansas in its proper place, near the head of the column.

"The experience of several other states may be helpful to us in considering the important matter of advertising the state. Naturally, we think of some of the Far Western states and of Florida. The city of Miami, Fla., 10 years ago had only 7,000 population. Now the Chamber of Commerce estimate of that city is 100,000. Its assessed valuation, for the purpose of taxation, has been multiplied 12 times in 10 years.

"The city's first annual expenditure in 1915, for advertising, was \$2,500, increased the next year to \$12,000, and steadily increased to \$175,000 in this year. The president of the Miami Chamber of Commerce recently was quoted as saying:

"Our experience in advertising Miami should prove the value of proper advertising to the most skeptical. We did less business in 1914 than in 1913. We were slipping back. We decided to put money back of our ideas and reasons, and the result is the greatest prosperity of Miami and of the state of Florida, because other cities in Florida have also expended money for advertising."

THE INDIVIDUAL CAN BE REAL CO-OPERATOR

Needs Not to Surrender Individual Rights, Says
Mr. Wilkes.

Man is individualistic. Take away the right of self-assertion and you have a weak-kneed specimen. There is a vast difference, however, between riding rough shod over neighbors and working with them. Of all people the farmer is supreme in his individualism. His calling for generations has led him to cope with his own problems single handed. Much of his work has called for self-expression. Most of the success reached by our farmers is the outcome of the thought and study of the individual.

Gradually, however, a change has taken place and the farmer is finding that if he, and a hundred thousand others, are growing the same crop, it is vastly better, and sound economy, to sell it through an organization established by himself as a sales agency. In doing so he loses no individuality for the simple reason that he still puts his best into the raising of it. The pride of ownership still remains; in fact, it is enhanced, because a co-operative marketing organization demands, in a manner that the private buyer does not, that high quality produce be raised. *The machinery of a co-operative marketing organization is not intended to be used for the disposal of low grade produce.* Produce of indifferent quality is the means of reducing prices. Invariably the price is made by the lower grade and the purchaser quickly takes advantage of that fact.

Individualism, therefore, is not lost when the farmer adopts co-operative methods. The fight with soil, stock and elements still goes on at the farm; but much more heartened is the individual who has invested a portion of his heritage in a contract to sell through the pool. "Pools" are young in Arkansas, but like a forest reserve planted to valuable saplings, no matter whether it is a pool for cotton, live stock, poultry, potatoes or strawberries, they should be jealously guarded by every farmer in the state.

A well known writer has said, "If man endures for a million years he will never lack obstacles to give him trouble or the pressure of need to make him conquer them." Co-operative marketing will continually need the support of the keenest intellects available, it will need individuals trained with a co-operative mind, it will need the analytical mind which is essentially the possession of the individual, but, above all, the co-operative marketing organizations should be the *joint possession* of all our farmers.

Arkansas produces seventy per cent of the world's supply of bauxite.

Arkansas produces zinc, lead, manganese, antimony and silver.

Arkansas produces the only diamonds found in North America.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
**STATE BUREAU OF MINES, MANUFACTURES AND
AGRICULTURE**

W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



RECENT NEWS ABOUT FARM ORGANIZATIONS

Indiana Canning Plants.

Twenty-one community canning plants are being established by the Indiana Canning Crops Exchange, Indianapolis, for handling a part of the 1925 tomato crop. The equipment for the plants is being furnished by the state exchange but the operation will be in the hands of local associations. The output of the community plants will be marketed through the Indianapolis office of the Indiana Farm Bureau Federation.

Spud Exchange to Enlarge.

A plan to enlarge the operating field of the organization to include growers in North Dakota and Wisconsin was approved at the annual meeting of the county trustees of the Minnesota Potato Growers' Exchange, St. Paul, Minn., April 21 and 22. Authority to do this was granted on the condition that standard contracts be signed and that local units be formed at points where at least 50 per cent of the commercial acreage is contracted.

Cranberry Sales Less.

Sales of cranberries of the 1924 crop by the American Cranberry Exchange, New York City, totaled 352,809 barrels, compared with 374,917 barrels in 1923, according to a tentative report of the general manager, dated April 20, 1925. Details of the operations in the various sections of the country were presented.

Fertilizer for Melons.

Plans for the Sowega Fertilizer Corporation have now been perfected by the committee appointed for that purpose by the Sowega Melon Growers' Association, Adel, Ga. These plans call for a new corporation, strictly co-operative and non-profit, with a paid-in capital of not less than \$5,000, which may be increased to \$100,000, shares of stock to be \$10 each. Stock will be sold only to members of the Sowega Melon Growers' Association and the Georgia Sweet Potato Growers' Association, and all stock subscriptions must be paid be-

fore August 1, 1925. One share of stock will entitle the member to buy four tons of fertilizer from the association. For larger quantities he will be required to purchase additional stock.

"Biggest Dairy Company."

"The largest individual dairy company of the British Empire and of the world," is the claim of the New Zealand Co-operative Dairy Company, Ltd., Hamilton, N. Z. Its output for the 1922-23 season was 20,020 tons of butter, 3,456 tons of cheese, 3,842 tons of milk powder, and 826 tons of casein. This brought to the farmer-members the sum of £4,500,000 (\$21,899,000). Eighty individual cargoes of dairy produce left New Zealand during that season in refrigerated vessels for the British market.

Reports on Tobacco Assn.

The report of the committee investigating the Tobacco Growers' Co-operative Association, Raleigh, N. C., emphasizes the fact that "a co-operative is primarily an organization of persons and that those persons are the grower members." It states that the business of the growers cannot be ignored without serious consequences, and criticizes the association management for its failure to recognize the necessity of giving the membership full and frank information regarding the business policies and practices of the association.

More Marketing Laws.

Nebraska and New Mexico have recently passed statutes providing for the incorporation of stock and non-stock co-operative associations. Each of these statutes is comprehensive.

Cotton Growers to Meet.

Plans are being made by the Missouri Cotton Growers' Association, New Madrid, Mo., for a series of meetings in July and August for cotton farmers and other persons interested in the cotton industry. These meetings will be held in the cotton producing counties of the state.

Ireland Poultry Assn.

The Irish Poultry Keepers' Association is the outgrowth of a small association start-

SOUTHERN SPINNERS MOST ACTIVE

Dept. of Commerce Report for April Says South Run- ning Full Time.

The Department of Commerce at Washington announces that according to preliminary figures 37,804,654 cotton spinning spindles were in place in the United States on April 30, 1925, of which 33,412,650 were operated at some time during the month, compared with 33,225,182 for March, 33,277,189 for February, 33,180,758 for January, 32,661,949 for December, 31,789,876 for November, 31,078,804 for October, 30,122,384 for September, 28,945,605 for August and 31,863,454 for April, 1924.

Spindle hours reported for the month to-

talled 8,518,142,398. During April the normal time of operation was 25 2-3 days (allowance being made for the observance of Patrick's Day in some localities), compared with 26 days for March, 23 2-3 days for February, 26 1-2 for January, 26 for December, 24 1-2 for November, 26 3-4 for October and 25 1-2 for September. Based on an activity of 8.78 hours per day, the average number of spindles operated during April was 37,799,611 or at 100 per cent capacity on a single shift basis. This percentage compares with 99.6 for March, 100 for February, 96.4 for January, 90.4 for December, 87.5 for November, 85.4 for October, 76.1 for September, 62.8 for August, and 80 for April, 1924. The average number of active spindle hours per spindle in place for the month was 225.

The total number of cotton spindles in place, the number active, the number of active spindle hours and the average spindle hours per spindle in place, by states, are shown in the following statement:

	Spinning Spindles		Active Spindle Hours for April	
	In place April 30	Active during April	Total	Average per Spindle in place
United States	37,804,654	33,412,650	8,518,142,398	225
Cotton-growing states	17,457,918	16,962,656	5,131,160,059	294
New England states	18,380,340	14,762,066	2,993,818,750	163
All other states	1,966,396	1,687,928	393,163,589	200
Alabama	1,430,654	1,405,656	402,550,448	281
Connecticut	1,273,324	1,034,028	230,734,680	181
Georgia	2,829,566	2,730,226	796,080,978	281
Maine	1,113,448	1,100,218	219,954,440	198
Massachusetts	11,615,592	8,901,044	1,730,918,025	149
New Hampshire	1,445,734	1,200,250	241,233,667	167
New Jersey	512,356	477,084	103,302,437	202
New York	997,950	817,370	197,369,934	198
North Carolina	5,960,170	5,773,244	1,832,993,906	308
Pennsylvania	161,610	134,558	30,512,373	189
Rhode Island	2,787,434	2,381,718	544,313,188	195
South Carolina	5,294,094	5,256,730	1,629,385,732	308
Tennessee	452,994	440,064	123,763,542	273
Texas	234,708	219,324	64,074,790	273
Virginia	708,314	691,354	160,002,315	226
All other states	986,706	849,782	210,951,943	214

NEW FARM BULLETINS READY TO DISTRIBUTE

According to a recent announcement issued by T. Roy Reid, Assistant Director, Extension Division, University of Arkansas, College of Agriculture, the following pub-

ed a few years ago in County Kilkenny as the possible beginning of a national movement. It is stated that Ireland has more than 100,000 poultry keepers and the need for such an organization is very great. The project is meeting with success and new members are coming into the association in increasing numbers each month. More than one hundred have been enrolled each month since September.

Third Wheat Payment.

Distribution of checks for third payment for 1924 wheat was ordered on Friday, March 13, by the Kansas Wheat Growers' Association, Wichita, Kan., and it was expected that the work would be completed within the month. This payment will bring prices for No. 1 and No. 2 to \$1.05 per bushel; No. 3, \$1.03; No. 4, \$1.01; No. 5, \$.98; and Sample, \$.95. The final payment is to be made in June. In order to give the office force time to prepare for this settlement, it has been decided to close the pool on April 15. Any wheat received after that date will be included in the 1925 pool.

lications have been issued since the last announcement in January:

- Ext. Cir. 183—A Guide in Meal Planning.
- Ext. Cir. 184—More Pigs per Litter to Weaning Age.
- Ext. Cir. 185—Lespedeza.
- Ext. Cir. 186—Fertilizer Recommendation.
- Ext. Cir. 187—Destroying the Boll Weevil in Winter.
- Ext. Cir. 188—Root Maggots in Rice.
- Ext. Cir. 189—Hot Beds and Cold Frames.
- Ext. Cir. 190—Leafy Vegetables.
- Ext. Cir. 191—Growing Peaches in Arkansas.
- Ext. Cir. 192—Growing Slicing Cucumbers for Northern Markets.
- Ext. Cir. 193—Annual Report.
- Ext. Cir. 194—Hatching and Raising Chicks.
- Ext. Cir. 195—Early Tomatoes.

Other Extension publications previously issued which are, or soon will be, of seasonal interest are:

- Ext. Cir. 132—Canning, Pickling and Preserving.
- Ext. Cir. 155—Anthrax.
- Ext. Cir. 162—Boll Weevil Control in Arkansas.
- Ext. Cir. 166—The Codling Moth in Arkansas.
- Ext. Cir. 171—Handling and Loading Grapes.

A copy of any of these publications, or others which are available, may be obtained from the County Farm or Home Demonstration Agent, or by writing to the Extension Service, 310 Donaghey building, Little Rock, Arkansas.

\$173,085,000 VALUE ARKANSAS PRODUCTS

**1923, 45.4 Per Cent Greater
Than Total Value
1921.**

OTHER INCREASES SHOWN IN CENSUS

TIMBER PRODUCTS LEAD

The Department of Commerce announces that, according to a summarization of the data collected at the biennial census of manufactures, 1923, the value of products (at factory prices) of the manufacturing establishments in Arkansas aggregated \$173,085,000. This aggregate represents an increase of 45.4 per cent as compared with \$119,029,000 in 1921.

These figures relate to manufacturing establishments whose output during the year was valued at \$5,000 or more. The elimination of data for the smaller establishments has only a slight effect on the totals.

In making use of the statistics for value of products, it must be remembered that, because of the fact that the products of many manufacturing establishments are used as materials by other establishments, the aggregate value of the products of all manufacturing industries combined is considerably in excess of the total value of

finished manufactured products in the form in which they reach the ultimate consumer.

Workers Increase.

The average number of wage earners employed during 1923, 44,544, exceeded by 33.2 per cent the number reported for 1921, 33,431; and the total wage payments in 1923, \$37,866,000, show an increase of 36.2 per cent as compared with \$27,804,000 in 1921.

Lumber Increase 31.6 Per Cent.

The "lumber and timber products" industry (embracing logging camps and sawmills) is the leading one in Arkansas, as measured either by number of wage earners or by value of products. In this industry the average number of wage earners employed during the census year increased from 20,769 in 1921 to 27,325 in 1923, the per cent of increase being 31.6; and the value of products increased from \$44,022,000 in 1921 to \$73,468,000 in 1923, the rate of increase being 66.9 per cent.

Details Given.

The following table presents statistics for the leading manufacturing industries in Arkansas, listed in the order of their importance as measured by the average number of wage earners employed in 1923. (The glass and men's clothing industries, which ranked eleventh and eighteenth, respectively, in number of wage earners, are not shown in this table, in order to avoid disclosing the operations of individual establishments.) The figures for 1923 are preliminary and subject to such correction as may be found necessary upon further examination of the returns.

SUMMARY FOR MANUFACTURING INDUSTRIES IN ARKANSAS: 1923 AND 1921.

(Industries listed according to average number of wage earners employed during 1923.)

	Cen- sus Year	Number of estab- lish- ments	Wage earners (aver- age No.)	Wages	Value of Products
TOTAL—All industries.....	1923	1,231	44,544	\$37,865,864	\$173,085,207
	1921	1,289	33,431	27,804,064	119,029,485
Lumber and timber products, not elsewhere classified	1923	441	27,325	20,056,729	73,467,862
	1921	451	20,769	14,071,318	44,021,552
Car and general construction and re- pairs, steam railroad and repair shops.	1923	13	4,484	6,662,198	14,013,828
	1921	14	2,814	4,364,380	8,126,402
Lumber, planing mill products, not made in planing mills connected with sawmills.	1923	37	1,321	1,155,516	7,572,082
	1921	39	1,095	908,400	5,972,351
Oil, cake and meal, cottonseed.....	1923	28	937	466,375	13,511,092
	1921	34	1,129	813,319	13,245,045
Furniture	1923	11	929	717,641	3,920,566
	1921	14	588	532,012	2,931,760
Wood, turned and carved.....	1923	29	600	442,548	1,656,523
	1921	26	402	284,090	1,283,287
Ice, manufactured	1923	81	555	519,290	2,734,335
	1921	73	473	497,668	2,452,835
Printing and publishing, newspapers and periodicals	1923	106	542	770,871	3,568,511
	1921	116	572	794,226	3,712,903
Clay products (other than pottery) and non-clay refractories	1923	14	491	413,160	1,198,127
	1921	14	340	271,320	729,329
Bread and other bakery products.....	1923	77	465	452,254	2,695,291
	1921	95	380	390,472	2,542,669
Cooperage*	1923	5	404	252,663	1,586,776
Smelting and refining, zinc*.....	1923	3	404	584,198	3,881,088
Foundry and machine-shop products, not elsewhere classified.....	1923	27	399	490,865	1,730,263
	1921	32	321	434,254	1,295,529
Canning and preserving, fruits and vegetables	1923	29	393	116,768	914,726
	1921	10	102	37,077	257,367
Confectionery and ice cream.....	1923	34	362	299,608	2,125,254
	1921	37	308	287,574	2,032,096
Printing and publishing, book and job	1923	28	345	451,489	1,534,283
	1921	31	306	394,253	1,583,021
Motor vehicle bodies and parts.....	1923	9	308	248,978	927,224
	1921	5	41	46,423	154,568
Boxes, wooden packing, except cigar boxes	1923	6	303	230,024	838,105
	1921	6	212	216,469	667,756
All other industries	1921	292	3,579	3,460,809	28,021,015
	1923	253	3,977	3,534,689	35,209,271

*—Not shown separately for 1921 in order to avoid disclosing operation of individual establishments.

FEED AND FERTILIZER INSPECTION TO BE

SURRENDERED TO NEW BUREAU JUNE 10

**Commissioner Wilkes Explains Change in Control of Feed
and Fertilizer by Reason of New Bureau Created
by Last Legislature.**

GOVERNOR'S NEW APPOINTEES NOT NAMED

Act No. 42 of the 45th General Assembly created what is to be known as the Bureau of Conservation and Inspection. That Bureau, on June 10, will take over, in accordance with provisions of the act, the inspection of feed and fertilizer, which has heretofore been a function of the Department of Mines, Manufactures and Agriculture; the inspection of gasoline, which has heretofore been a function of the State Oil Inspector; and the conservation work in the oil fields, which has heretofore been a function of the Conservation Department of the Arkansas Railroad Commission.

It will seem at first thought that this new bureau is to supervise and conduct largely unrelated work. It was adopted by the legislature at the behest of the administration as a measure of economy.

Governor to Appoint.

The Commissioner of Conservation and Inspection will be appointed by the Governor for a term of four years. His salary will be \$3,600 per year. All other employees of the bureau are to be appointed by the Commissioner of Conservation and Inspection, with the approval of the Governor.

Heretofore, and at the time of the last election, the appointive power to the various positions necessary to carry on the feed and fertilizer work was vested in the Commissioner of Mines, Manufactures and Agriculture. The appointive power to positions necessary to carry on the conservation work in the oil fields was vested in the Arkansas Railroad Commission and the appointive power to positions necessary to carry on the gasoline inspection work was vested in the State Oil Inspector, who was appointed by the Governor. Under the new law the entire appointive power is vested in the Governor and the Commissioner of Conservation and Inspection.

Tax Reduced.

A companion to Act No. 42 was a bill introduced by Sen. Bailey of Russellville which provides for a 50 per cent reduction in the inspection tax on feed, fertilizer and gasoline and conservation work. Whether this reduction in tax will be of benefit to the purchasers of feed, fertilizer and gasoline remains to be seen. It has heretofore been the practice in some instances for dealers in feed and fertilizer to fix a price for their commodity and add to it the tax. Purchasers of feed and fertilizer naturally will benefit by the purchase of feeds and fertilizers handled in this way. However, it is probable that practically all feed and fertilizer manufacturers and wholesalers included the tax in the sale price. In that case it would hardly be possible for purchasers of small quantities of feeds and fertilizers to real-

ize any benefit from the reduction in tax. The reduction in tax on 100-pound bags of feed or fertilizer will be a fractional cent. Of course, there is no question but what the saving in taxes to feed and fertilizer wholesalers and manufacturers will amount to several thousand dollars per year. In other words, if the dealers elect so to do they may pass a saving along to the consumer or they may retain it as additional profits to themselves.

Enforcement Rigid.

Naturally, Commissioner Wilkes gave up the feed and fertilizer inspection work with the utmost reluctance. He felt that it was one of the functions of the office which the people had elected him to supervise and furthermore, that it so vitally and exclusively affected the farmers of the state that it was logically a part of the Agricultural Department's work. Since January 1 he has been most vigorous in the enforcement of the feed and fertilizer inspection laws and has discovered many instances of attempted violations of the law. Such attempts have been checked and penalties assessed. In many instances the sellers of fertilizer have been required to pay to farmer-customers three times the amount of shortage. If the feed and fertilizer inspection had remained a part of the functions of the Department of Mines, Manufactures and Agriculture, vigorous enforcement of the laws pertaining to same would have been the Commissioner's policy in the future as it has been during the past few months.

No Appointees Named.

Mr. Wilkes makes this explanation of the change in the enforcement of the feed and fertilizer inspection laws as a matter of information. He does not want it construed as a criticism. It is his hope that the enforcement will be as vigorous in the future as it has been in the past, for he recognizes that any laxity in enforcement means incalculable damage to Arkansas farmers.

At the time we go to press Governor Terral had not announced who will be placed at the head of the Bureau of Conservation and Inspection.

Arkansas ranks sixth in the production of yellow pine.

Arkansas ranks sixth in the production of cypress.

Arkansas produces more red gum, oak and hickory timber than any other state.

Arkansas produces two hundred million dollars' worth of manufactured products annually.

MR. WILKES EXPLAINS SEED INSPECTION LAW

Means Much to Farmers and Will Be Rigidly Enforced.

The legislature of 1921, realizing that for many years our state had been the dumping grounds for inferior or mixed seeds, deemed it wise to pass Act 609 of that year, in an effort to stop the practice and guarantee to the Arkansas farmer future protection. At that time, however, finances of the state would not permit an appropriation for enforcement and as a result no steps were taken until the assembly of 1923 made a small appropriation to employ an analyst and establish a laboratory in connection with the University at Fayetteville. A campaign of education and enforcement was started and as a result the last assembly found the work had fulfilled the hopes of the preceding assembly and justified a more liberal expenditure.

Better Enforcement.

As a result Commissioner Wilkes, upon whom the law places the burden of enforcement, contemplates covering a wider field and more rigid enforcement after July 1, when funds become available.

He realizes that his success will be dependent upon the co-operation given him by the farmers of the state and their assistance is asked for.

Law Explained.

Below the law is explained and it is hoped that careful study will be made by everyone interested. The benefits of rigid enforcement will then be more fully appreciated.

It is impossible to tell by looking at a lot of seed just how much of it will germinate and to what extent it is free from weed seeds and other impurities. Clover and grass seed may contain a large percentage of weed seed so similar in size and general appearance that detection is impossible except under the microscope. In the case of larger seed such impurities are easily detected, but the vitality of the seed cannot be determined except by tests which the purchaser is generally unprepared to make. Mixtures of the smaller seeds in unknown proportions are especially likely to deceive the purchaser, and if the seeds differ greatly in price, as do timothy and clover, he may unwittingly pay more than it would have cost him to buy the timothy seed and clover seed separately and make his own mixture.

Law Protects.

Since the purchaser of seed cannot protect himself, the state comes to his assistance, and requires seed sold in Arkansas to bear a tag on which is given the guarantee of the seller as regards both purity and germination, and, in the case of mixtures, the percentage of each ingredient. But the state does not stop here. It sees that the guarantees are made good. Inspectors visit the stores at which seed are on sale, and take samples of the stocks of seed. These samples are sent to the State Seed Laboratory and analyzed, and if the analysis shows that the statements on the tags are incorrect, the dealer may be dealt with under the law.

All Seeds Not Included.

The Arkansas law applies only to the seed of field crops. Seed of truck and garden crops need not be labeled. Moreover, seed of field crops in bags or other

containers, of less than ten pounds weight need not be labeled, unless the seed is a mixture. Mixtures which weigh over one-half pound must be labeled.

Other Exceptions.

a. Seed sold by the grower himself need not be labeled UNLESS the grower has advertised the seed for sale, or delivers by mail, express, or other common carrier.

b. Seed sold for food purposes only, need not be labeled.

c. Seed sold to merchants, to be re-cleaned, or seed held for re-cleaning, need not be labeled.

d. Seed which are to be sold outside of the state need not be labeled.

Labeling Required.

The law does not prohibit the sale of any seed, it only provides that the seed package must be labeled as to its true contents.

1. Every bag, or other container of seed, not a mixture, weighing ten pounds, or more, must have a tag attached thereto, on which is given the following information:

a. The commonly accepted name of the seed.

b. The name of the state where the seed was grown, and if this is unknown, a statement to that effect.

c. The percentage of purity by weight.

d. Percentage by weight of weed seeds.

e. Name of each kind of seed or bulblet of noxious weeds, found, singly or collectively, to exceed (1) one seed per five grams (about 1-6 oz.) of the grasses and clovers and seed of like size, (2) one seed per 25 grams (about 6-7 oz.) of millet, rape, Sudan grass, sorghum, and seed of like size, (3) one seed per 100 grams (3 1-2 oz.) of vetch, wheat and other cereals and seeds as large, or larger than wheat.

f. The percentage of germination of the seed, and the month and year in which the germination test was made.

g. Full name and address of the vendor of the seed.

2. Every bag or other container of a mixture of seed, weighing ten pounds or more must have a tag attached thereto, on which is given the following information:

a. That such seed is a mixture.

b. The name and percentage by weight of each kind of seed in the mixture comprising more than 5 per cent of the total weight.

c. Percentage by weight of weed seeds.

d. Percentage of inert matter.

e. Name of each kind of seed or bulblet of noxious weeds present in excess of one seed per 15 grams (about 1-2 oz.) of the grasses and clovers and seed of like size, (2) one seed per 25 grams (about 6-7 oz.) of millet, rape, Sudan grass, sorghum and seed of like size, (3) one seed per 100 grams (3 1-2 oz.) of vetch, wheat and other cereals and seeds as large, or larger than wheat.

f. Percentage of germination of each kind of seed composing the mixture, together with the month and year in which the test was made.

g. Full name and address of seed vendor.

3. Every bag or other container of a mixture of seed weighing one-half pound, or more, but not over ten pounds, must have attached thereto a tag on which is given the following information: Exactly the same statements as are required in (2), except that no germination percentages are required.

Who Responsible.

Unfortunately, out-of-state seed companies cannot be prosecuted for selling un-

TICK ERADICATION LAW EXPLAINED

State and Federal Govern- ment to Pay Costs— Counties Relieved.

CATTLE MEN WILL REAP BIG BENEFIT

ENFORCEMENT TO BE RIGID

The following article has been prepared by Dr. J. H. Bux, head of the Veterinary Science Department of the University of Arkansas, College of Agriculture, as an explanation of the new method of combating cattle ticks.

Work Supported.

The work of tick eradication in Arkansas is progressing better this season than it has been for many seasons passed. No small part of this is due to the improved sentiment for tick eradication which is reflected in the untiring, unselfish and wholehearted support which the work is receiving from the various county and state officials in every county effected.

All Counties Helped.

Officials in charge of tick eradication this spring have been able to inaugurate the work in the infested counties north of the Arkansas river where the work has not been in force lately; namely, Crawford, Cleburne and North Franklin. This is due to the program so wisely adopted by the last legislature. The last legislature provided that this work shall be paid for by the state. It is, therefore, no longer necessary to allow tick eradication activity to cease in any particular county just because that county happens to not have sufficient funds with which to carry on the work. This is considered a mile stone. Never before in the history of tick eradication has all the tick infested territory north of the Arkansas river been under control.

Government Aids.

Of course, the state appropriation for the furtherance of tick eradication does not become available until July 1, 1925. On account of the splendid spirit shown by the recent legislature, however, by their

labeled, or incorrectly labeled seeds, unless the sale was made by an agent or salesman operating in this state. This is because such a transaction is regarded by the law as taking place in another state. Persons who order seed by mail from an out-of-state company, do so at their own risk. They have no recourse under this law.

How to Secure Analysis.

In order to get the information necessary for labeling, an analysis of the seed must be made. This requires a seed testing laboratory and a skilled analyst. Out-of-state seedsmen must furnish their own analyses.

Arkansas seedsmen who are not equipped to do seed testing work, or Arkansas dealers, who have bought untaged seeds direct from farmers, or who do not wish to rely on the seedsmen's guarantee, may send a sample to the Seed Testing Laboratory, Fayetteville, Arkansas. Before doing so, however, the seedsmen should obtain a copy of the Rules for Seed Testing.

The State Seed Laboratory will analyze seed for the private information of the farmer. No charges will be made for the testing of samples of seed, but the Seed Laboratory reserves the right to limit to

action in making a state appropriation for the work, the Federal Bureau of Animal Industry has increased its usual expenditure for that work in this state. This action on the part of the Federal Bureau makes it possible to carry on the work without interruption until July 1, at which time state funds become available.

Dipping Makes Money.

To say precisely what the value of tick eradication activity is to live stock raisers is, of course, impossible. However, it is interesting to note that before inauguration of tick eradication activities in Crawford, North Franklin and Cleburne counties, many cattle sold for \$1.50 per hundred on foot. As soon as all the cattle in these counties were dipped twice, sales were made for as high as \$5.00 per hundred. Many hundreds of cattle have been shipped out of these counties since April 1. There is no doubt that, on account of the dipping which had been done, thousands of dollars have been added to the income of cattle shippers over and above what they would have received if dipping had not been done.

Vigorous Enforcement.

In order to keep as many counties as possible along the quarantine line actively engaged in tick eradication next year, it is planned to inaugurate the work in groups of counties south of the Arkansas river. It is believed that this plan will save thousands of dollars annually in patrolling the quarantine lines. There will also be a great saving in the purchase of dipping material. It has been found to be absolutely necessary to dip some cattle along an inactive quarantine line when that line is not protected by a natural barrier.

Tick infestation is a source of such serious financial damage that hereafter most vigorous attention will be given to eradication. Everyone interested in or connected with this work should feel most optimistic about the results which it will be possible to attain under the new law passed by the recent session of the legislature. As illustrative of the vigilance of officials in the tick free areas, we are pleased to call attention to the promulgation of a new regulation on May 1. It prohibits the shipment of pine straw, grass or similar litter in packing material, or as bedding for live stock, or otherwise, from tick infested areas to tick free areas. It has been definitely determined that in at least one state straw from a tick infested area carried ticks into a tick-free area.

ten the number tested for any one person or firm in any one year.

Purity tests can be completed the day the samples are received, if the laboratory is not overcrowded. Germination tests require from 4 to 28 days, depending on the kind of seed.

Violations Punishable.

The following acts constitute violations of the seed law:

(1) Selling seed without a label.

(2) Omission of one or more of the statements required to appear on the tag, or the appearance on the tag of statements not specified in Regulation 1 of the Rules and Regulations.

(3) False or inaccurate labeling (meaning that the analysis made from the inspector's official sample does not tally with the statements on the tag).

(4) Interference with inspectors or assistants in the performance of their duties. Violation of the seed law is punishable by a fine of from \$10 to \$300.

Detailed information about the law may be had by writing to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, State House, Little Rock.

FARMERS' EXCHANGE

HELP WANTED.

WANTED—A middle-aged woman to keep house for two. No laundry. Good home and wages. References required. Miss Hattie E. Barry, 13 N. 10th St., Fort Smith, Ark.

WANTED—Good, middle-aged negro woman; general house work in family with children. Carl E. Bailey, 331 Rosetta street. Little Rock, Ark.

FARM PRODUCTS FOR SALE.

NEWTON COUNTY HOMESPUN TOBACCO—First grade, 35c per pound or three pounds for \$1.00; second grade, 25c per pound via parcel post c. o. d. W. W. Baker, Cave Creek, Ark.

BLACK WALNUTS—4c per pound postpaid. J. W. Mosier, Fallsville, Ark.

PURE WHITE CLOVER COLORADO HONEY—15c per pound in 60-lb. cans. f. o. b. Knobel. Mrs. J. E. Holton, Knobel, Ark.

CHERRIES—Free of insects and infectious diseases, from well sprayed, pruned orchard: 24 full quart crates, \$4.00. J. F. Magan, Bentonville, Ark.

NO. 1 SORGHUM—Six 10-lb. buckets for \$6.00. W. P. Waters, Pyatt, Ark.

TOWN PROPERTY FOR SALE.

SEVEN-ROOM CONCRETE BUILDING—And four lots in Alva, Okla. Want trade for Arkansas land or town property. Also have 15-room hotel in Shirley and small farm which I will sell or trade. M. Moonier, Box 68, Shirley, Ark.

HOME IN OZARKS—Two-story frame residence, 10 large rooms, four closets from business section. Will sell or trade. M. G. Bennett, Bentonville, Ark.

BUSINESS HOUSE AND LOT—In prosperous country town, 30 miles east of Fort Smith; center of prospective oil field. Price and terms reasonable. Elmer Turner, ranch, Ark.

CITY PROPERTY—In Kansas City, Mo., Neodesha, Kan., Oklahoma City, Okla., Indianapolis, Ind., Arcadia, Fla., and Mena, Arkansas. Will sell or trade. Refer something in or near Hot Springs. Will consider any other good city or farm property in Arkansas. Dr. Woodford Hammond, 1222 Reeves Ave., Mena, Ark.

NURSERY STOCK AND PLANTS FOR SALE.

POTATO AND TOMATO PLANTS—Write for price list. J. A. Bauer, Judsonia, Ark.

SWEET POTATO PLANTS—In all leading varieties; \$2.25 per 1,000 postpaid; 10,000 express collect, \$125. Prompt delivery. Mrs. L. E. Cunningham, Turkey, Ark.

PORTO RICO AND NANCY HALL POTATO PLANTS—Strong and well planted; \$2.25 per 1,000, postpaid. Prompt shipment. C. L. Wolf, Yellville, Ark.

GREATER BALTIMORE TOMATO PLANTS—\$1.25 per 1,000, postpaid. Lois Wolf, Turkey, Ark.

SWEET POTATO PLANTS—Nancy Hall, Porto Rican. Seed treated to government specifications. \$2.25 per 1,000; 2.00 per 1,000 in lots of 5,000 or more. A. D. Shinn, Russellville, Ark.

SWEET POTATO PLANTS—Nancy Hall, Porto Rican. 1,000, express paid, \$1.75; 5,000, express paid, \$17.50. Tomato

plants. Acme variety, 1,000, express paid, \$3.50. Shipments, April 10, on. Price list free. J. A. Bauer, Judsonia, Ark.

NANCY HALL POTATO PLANTS—\$2.00 per 1,000 delivered by insured mail. A. J. Barry, Bellville, Ark.

NANCY HALL AND PORTO RICAN SWEET POTATO PLANTS—\$3.00 per 1,000 postpaid. Not certified, \$2.75 per 1,000. Winter turnip seed, 75c per pound. J. S. Othiger, Pea, Ridge, Ark.

NANCY HALL POTATO PLANTS—Best grown; \$2.50 per 1,000. W. C. Graden, Danville, Ark.

NANCY HALL SWEET POTATO SLIPS—\$2.50 per 1,000. Paul Stormont, R. 2., London, Ark.

SEEDS FOR SALE.

WHIPPOORWILL PEAS—\$4.00 per bushel. Silver Drip Cane seed, 5c per pound. Porto Rican Potato plants, \$2.25 per 1,000. W. P. Waters, Pyatt, Ark.

SOY BEANS—Virginia and Wilson. Priced to sell. E. L. Utterback, Vandalia, Missouri.

DOGS AND HOUSE PETS FOR SALE.

BIRD DOG PUPPIES—Thoroughbred pointer. Males, \$10; females, \$7.50. W. P. Moran, Dumas, Ark.

GERMAN POLICE DOG—Also some nice half-bred pups. Breeding and photo on request. F. J. S. Miely, R. 5, Gentry, Ark.

JULY-HUDSPETH HOUND PUPS—Out of real fox and wolf stock; \$10.00 each. Joe Joiner, Magnolia, Ark.

TWO HOUNDS—Well trained. For further particulars write J. W. Mosier, Fallsville, Ark.

LIVE STOCK FOR SALE.

ANGORA GOATS—90 head. \$1.50 per head. J. W. Webb, Alpena Pass, Ark.

BIG BONE POLAND CHINA PIGS—Either sex; subject to registration; two months old; \$15.00 each. A. E. Anderson, R. 1, Center Ridge, Ark.

BIG TYPE POLAND CHINA PIGS—Either sex; will register in purchaser's name. For price write D. F. Bealer, Pea Ridge, Ark.

DUROC JERSEY PIGS—One gilt, nine months old. Trade or sell. J. T. Bowling, Oxford, Ark.

DUROC JERSEY BOAR—Registered and in good shape. Price \$50. John P. Almand, 1107 Boyle Bldg., Little Rock, Ark.

DUROC JERSEY PIGS—Males and gilts. Pure bred and subject to registration. For price and particulars write C. Estes, Harrison, Ark.

TWO POLAND CHINA SOWS—Registered; also one registered big type boar. For price and particulars write John Carolan, R. 3, Booneville, Ark.

DUROC JERSEY WEANING PIGS—Full blood, \$10. Buford Chambers, Briggsville, Ark.

DUROC JERSEY WEANING PIGS—Full blood, \$10. J. W. Hull, Danville, Ark.

JERSEY BULL—Pure bred, three years old; guaranteed breeder. Walnut Grove Stock Farm, R. 4, Siloam Springs, Ark.

SHORT HORN BULL—Registered, three years old; roan. B. W. Roberts, R. 4, Harrison, Ark.

CLOSING OUT my entire herd of Toggenberg milch goats, Poland China pigs and Shetland ponies. J. F. Barbee, Monticello, Ark.

DUROC JERSEYS—At price within your reach. W. C. Graden, Danville, Ark.

JERSEY BULL—Three years old. Will sell cheap. Carl Goerlitz, Decatur, Ark.

REGISTERED HOLSTEIN BULL—Grandson of the King of the Pontiacs, out of Granddaughter of Pietertje Hengerveld Segis. Four years old. Weighs 2,500 pounds. Dr. S. G. Hamden, Water Valley, Ark.

SHETLAND PONY and colt; will sell or trade for car. Wilmer Morrow, R. 5, Box 84, Prescott, Ark.

BROOD MARES—For sale or will trade for ewe sheep. T. J. Mitchell, R. 1, Lydalisk, Ark.

POULTRY AND EGGS FOR SALE.

ALLEN'S ACTIVE ANCONAS—Chicks \$12.50 per 100. Eggs, \$5.00 per 100, postpaid. White Wyandottes and eggs same price. Also cockerels, ready for shipment. Mrs. Avery Allen, Macon, Mo.

WHITE GUINEA EGGS—\$1.50 per 20, postpaid. Mrs. Avery Allen, Macon, Missouri.

BLACK GIANT COCKERELS—12 weeks old. Parent stock prize winners, \$1.50 each. Everlay Brown Pullets and cockerels, March hatch, 75c each. Barred Rock capons. Mrs. R. L. Husky, Blue Eye, Mo.

MAMMOTH BRONZE TURKEY GOBBLER—One year old; weighs 35 pounds, \$10. Mrs. G. P. Eidson, Springdale, Ark.

BLACK LANGSHANGS—From pedigreed pens. Cockerels, \$5; hens, \$2. Eggs \$1.50 per setting and baby chicks \$16 per 100. Mrs. Nora Dawson, Ash Flat, Ark.

RHODE ISLAND RED HATCHING EGGS—Pure bred. Also Bourbon Red turkey eggs. For information and price write Hill Top Fruit and Poultry Farms, Harrison, Ark.

S. C. BUFF LEGHORN COCKERELS AND PULLETS—50c to \$1.00 each. White Pekin Ducks, \$2.00 each or three for \$5.50. Eggs \$1.75 per setting, postpaid. Mrs. L. D. Donal, R. 1, Blevins, Ark.

INCUBATOR, 60-egg capacity; perfect condition. Will exchange for \$5.00 worth of baby chicks. Mrs. Ollie Duke, Arkadelphia, Ark.

S. C. BLACK MINORCA COCKERELS—Pure bred, from special pen; ten weeks old. \$1.50 each. Mrs. C. F. Hicks, R. 1, Box 34, Beebe, Ark.

WHITE ENGLISH LEGHORNS—Breeding stock, hens \$1.25, cocks \$1.50. Eggs \$4.00 per 100. Parcel post prepaid. Mrs. D. C. Davis, Pangburn, Ark.

BABY CHICKS—S. C. White Leghorns and Rhode Island White, \$10.00 per 100. Breeding stock and hatching eggs for sale. Chas. Offutt, Kingsland, Ark.

LIGHT BRAHMAS and Jersey Black Giants. Want to sell entire flock. Dr. D. E. James, Holly Springs, Ark.

ROSE COMB RHODE ISLAND WHITE COCKERELS—March, 1924, hatch. Also 10-week-old stock. Pure bred. Mrs. J. R. Bentley, Gentry, Ark.

S. C. WHITE LEGHORN EGGS—Ferris American, \$5.50 per 100 or \$1.00 for 15. J. Martin, Franklin, Ark.

BABY CHICKS and eggs. Everlay Brown and English White Leghorns, \$10 per 100. Mrs. Frank Cox, Blue Eye, Mo.

BARRED PLYMOUTH EGGS—\$1 per 15 until July 1. Mrs. L. E. Bearden, R. 4, Vilonia, Ark.

12 TOULOUSE GEESE—\$1.50

each if sold at once. Mrs. Daisy Cochran, Barber, Ark.

BUFF ORPINGTON DUCKS—Reasonable. W. R. Schliesser, R. 1, Alexander, Ark.

MISCELLANEOUS WANTED AND FOR SALE.

SUCCESSFUL INCUBATOR—Capacity 120 eggs. Sell or trade for anything of equal value. Mrs. Joe Beeler, DeValls Bluff, Ark.

MODERN SAW RIG—Gas engine, grist mill and corn crusher. Archie Wilson, Star Route, Atkins, Ark.

ONE SHINGLE MACHINE, 1 6x18 Pony Planer and Matcher. Knoble Lumber Company, Knobel, Ark.

LACE TRIMMED Gingham Dresses, \$1.35; all silk crepe, \$4.35. Send measurement. Satisfaction guaranteed. Mrs. L. E. Cunningham, Turkey, Ark.

WILL EXCHANGE complete course in dressmaking for something equal in value to \$50. Mrs. L. E. Cunningham, Turkey, Ark.

FULL CABINET TELEPHONE—Good condition. Price \$9.50. James O. Gilley, R. 2, Patmos, Ark.

\$65.00 SADDLE, perfect condition. Price \$50. J. W. Crow, Cleveland, Ark.

REMINGTON TYPEWRITER—Price \$10, f. o. b. Knobel. Holton Lumber Company, Knobel, Ark.

STEWART BALL-BEARING CRIP-PING MACHINE—Price \$10. John Carolan, R. 3, Booneville, Ark.

GEARHART KNITTING MACHINE, perfect condition, three-year contract and 10 pounds of yarn, all for \$40. Jas. J. Smith, R. 2, Ravenden, Ark.

NO. 12 DE LAVAL CREAM SEPARATOR—Used only six months. Price \$75. J. A. Lytle, Jr., Batesville, Ark.

COMPLETE PHOTOGRAPH OUT-FIT—Price \$25. Good as new. Will exchange for goose or duck feathers. J. B. Hollingsworth, Womble, Ark.

TWO 70 PRATT GINS, Complete; 1 Munger Lint Flue, complete; 150 feet Conveyor pipes; 1 Fairbanks 700 scale beam; 1 seed blower; 1 24-inch corn mill; 1 1½-ton International Harvester truck; several pulleys and line shafts. For price, description and terms write D. W. Fender, Walnut Ridge, Ark.

600-LB. CAPACITY CREAM SEPARATOR—Practically new. Price \$50. Jackson Crouch, Hazen, Ark.

RANGER BICYCLE, coaster model; good condition. Will sell or trade for peas. Jackson Crouch, Hazen, Ark.

LARGE ICE BOX; suitable for dairy. Price \$15. Jackson Crouch, Hazen, Ark.

FOR SALE—One steam tractor, one thrasher, one Hercules stump puller, one horseshoe corn harvester, one ensilage cutter and one hay stacker. A bargain for cash or will trade for property in Little Rock. Mrs. Emma A. Robbins, R. 4, El Dorado, Ark.

WANTED TO BUY.

ONE HUNDRED WHITE LEGHORN HENS—For price and particulars write L. D. Allman, R. 4, Piggott, Ark.

THREE HUNDRED STOCK HOGS—Prefer hogs weighing about 100 pounds or over. R. W. Moore, Black Rock, Ark.

RED FOX—I want to purchase a pair. Give price and particulars. Wm. Sheppard, Gainesville, Ark.

WANTED—50 squares good used galvanized roofing; state amount, gage, when layed, and price. J. N. Coulter, Knobel, Ark.

WE BUY FEATHERS from poultry raisers. Write us for price and particulars. Rekeut Bedfeather Company, P. O. Box 124, Station D, New York City, N. Y.

FARMS FOR SALE

20 ACRES—Eight miles southwest of Hot Springs. Barn, fences and two wells. Peach, apple, cherry, pear and plum trees. Berries and figs. Price \$800; \$400 cash, balance liberal terms. Immediate possession. Mrs. A. Fullilore, R. 1, Hot Springs, Ark.

HOME OF 59 ACRES—Near town on Jefferson highway. Six-room house, electric lights and city water; 15 acres timber land, balance in grass or under plow. Will sell or trade for \$6,000. W. H. Roland, Box 324, Harrison, Ark.

65 ACRES—Seven-room house, smokehouse, woodshed, concrete cellar, barn and cistern. Price \$2,000. Also eight acres with two houses, barn and spring. Price \$2,000. Both these places are right at Pea Ridge. No trade considered. J. S. Othiger, Pea Ridge, Ark.

GOOD 120-ACRE FARM—With two sets of buildings. Lots of timber. Near state highway. Price \$500 or will trade for good Ford car or truck. A. B. Carder, Elizabeth, Ark.

90-ACRE FARM—30 acres in cultivation, balance in hardwood timber. Four-room house, two barns, corn crib, smokehouse; two springs, one-half mile to school, church and postoffice. Price \$900. One-half cash, balance on terms to suit buyer. Mrs. Ella Busch, Fox, Ark.

60-ACRE FARM—One mile from Searcy; 20 acres in pasture; five-room house, large barn, smokehouse, chicken house; seed pen, shop and other small buildings. Two wells and orchard. Price \$3,000. J. C. Ainspau, R. 3, Searcy, Ark.

12½ ACRES—Business seat near Umpire. Has orchard and pasture, three-room house, well water; near good school, church and store. Price \$750. One-half cash. W. H. Pate, Umpire, Ark.

120-ACRE FARM—14 miles south of Hope. Three miles west of Patmos. 40 acres in cultivation, 30 acres in pasture and balance in merchantable timber, orchard and grapes. One five-room house, one three-room house and other buildings. Will sell for part cash, balance on easy terms. James O. Gilley, R. 2, Patmos, Ark.

100-ACRE FARM—30 acres in cultivation, four acres hog pasture, two other pastures, 10 acres in meadow and plenty of good timber. All fenced. Good house and storm cellar and other buildings. Orchard, grapes and berries. One-fourth mile to station and school. Price \$45 per acre. Byrd Cochran, Barber, Ark.

80 ACRES—Eight miles north of Bellville on Rock Island railroad in Harkey Valley; 40 acres in cultivation, garden, orchard, some fruit, pasture and plenty of good timber. Wire fence, three-room house, barn, poultry house, blacksmith shop and other buildings. Two wells and one spring. On daily mail route. Telephone in house. Church, store and school one-fourth mile. Price \$1,600, or will trade. J. A. Wilkes, Stafford, Ark.

319-ACRE RICE FARM—Implements and stock; 200 acres in growing rice. Will sell or trade. L. T. Miller, R. 2, Stuttgart, Ark.

80-ACRE FARM—Norfolk, Arkansas. On daily mail route, three-fourths mile to postoffice and store and one-half mile to school and church. Will include team of young mares, one mule, one cow, wagon, harness, farming implements, household goods. Bargain for quick sale. Syrena Ralston, Norfolk, Ark.

160-ACRE FARM—Newton county, Arkansas. 50 acres in cultivation, good orchard, four-room house, two barns, and potato house. Spring water. Three miles from Fallsville, Arkansas. Will sell or trade for smaller place. J. H. Spear, Box 74, Fallsville, Ark.

TWO 80-ACRE FARMS—In Searcy county; well improved; will sell or trade.

Terms is desired. S. C. Drewry, Limestone, Ark.

120-ACRE FARM—Grant county; 45 acres in cultivation; 200 fruit trees; one-half upland and one-half creek bottom; good house and barn, near school and church. Price \$1,800. B. H. Walters, Bel- fast, Ark.

FINE FRUIT FARM—240 acres of upland in Benton county, 100 acres in cultivation; 100 acres more can be cultivated; lots of fine timber, several good springs; no fruit on place at present; no buildings; five miles from railroad, one mile from school and church. This land belongs to heirs and must be sold; clear title, taxes paid up to date. Price \$12.50 per acre if taken soon. Geo. W. Vansandt, Garfield, Ark.

FINE COUNTRY HOME SEAT—Three acres on Little Rock-Pine Bluff highway, in town of Redfield. One-half in truck garden, balance in strawberries, apples, pasture; splendid well water; wire fenced; four-room house, garage and chicken house. Near high school. Price \$1,200. W. R. Fisher, Redfield, Ark.

167 ACRES—55 acres in cultivation, seven acres in pasture, two acres in cotton and vineyard, five acres in meadow. Two sets of buildings. Good well water. Near church and school. Price \$4,000. Mrs. R. A. Black, Gaston, Ark.

162 ACRES—Montgomery county; 25 acres in cultivation, 10 acres in meadow, orchard, grapes and berries, 25 acres in merchantable timber; good land for general farming. Four-room house, barn and sufficient lumber to build barn and other buildings. Well water. Near postoffice, school and church. \$4,000. Mrs. R. A. Black, Gaston, Ark.

500 ACRES CUT-OVER LAND—Plenty of hickory, red oak and white oak for building purposes; 40 or 80 acre tracts of this land will make splendid home places. \$1.75 to \$3.25 per acre. G. V. Bennie, Walnut, Ark.

216-ACRE OZARK FARM—Well improved; will sell or trade for smaller place. A. F. Layton, R. 1, Bellefonte, Ark.

84-ACRE FARM—Sharp county; good buildings, good orchard, plenty of water; one-half mile from Calamine. Price \$1,000; terms. W. A. Watkins, Grange, Ark.

249-ACRE UPLAND FARM—90 acres under fence. Three-room house and barn; one mile from Little Rock-Hot Springs highway on gravel road; three miles to Benton, 20 miles to Little Rock. Near Saline Camp Ground. Three springs on place. \$25 per acre cash. W. H. Scott, R. 1, Benton, Ark.

40 ACRES—At Wrightsville, Arkansas. For price and terms address W. R. Schliesser, R. 1, Alexander, Ark.

125-ACRE FARM—Lonoke county; 50 acres in cultivation and 75 acres in good timber; four-room house, barn and tenant house. One acre orchard; on public highway, seven miles from good town; one-half mile from school and church. J. E. Dickerson, R. 1, Cabot, Ark.

80-ACRE FARM—Five miles from Gillham; 65 acres bottom land, balance hill land; 15 acres in cultivation; well built house; plenty of water; on daily mail route. Price \$1,500; \$500 cash, balance terms. J. M. Hopkins, Gillham, Ark.

104-ACRE FARM—25 acres in cultivation, plenty of good timber on balance, garden and orchard. Three-room house, barn, potato house and other buildings. Good neighborhood, school and church; 1 1/4 miles to state highway and 12 miles from Heber Springs, the county seat. Price \$800; \$400 cash, balance in two years at 6 per cent. L. A. Ezell, Drasco, Ark.

IDEAL SMALL FARM—65 acres in cultivation; made 35 bushels corn per acre last year; on Black Rock and Batesville highway. Price \$1,250; one-half cash, balance terms. H. P. Campbell, Denton, Ark.

324 ACRES—80 acres in cultivation; fine timber and pasture; three-room house; seven miles from Hardy. Price \$1,600; \$800 cash, balance terms. E. F. McCox, Ash Flat, Ark.

60-ACRE FRUIT FARM—10 acres in orchard, three acres in grapes, two in strawberries, balance good pasture; one mile from Elm Springs, Washington county. O. B. Hughes, Elm Springs, Ark.

16-ACRE SHARE CROP—Eight acres in cotton on creek bottom land, and eight acres in corn on second year ground. Three acres of corn planted to peas. Price \$75. W. M. Weaver, Thornburg, Ark.

250 ACRES—75 acres in cultivation, balance fine timber land; 200 acres fenced. Will sell or trade for small, well improved place near town. Mrs. J. P. Jones, R. 2, Mountain Home, Ark.

145 ACRES—Nevada county; 80 acres in cultivation; 50 acres in pasture; good orchard; plenty of good water; three-fourths mile to school and church; four miles to railroad and little oil town. T. E. Bailey, R. 3, Rosston, Ark.

57-ACRE FARM—12 miles west of Gillham; 35 acres in cultivation, two acres in blackberries, two acres in strawberries; big house, barn and hay mow; shop, sheds and other buildings; good outside range. Price \$800. Will also sell present crop, two big mules, wagon and harness, farm machinery, cows and chickens. W. A. Beckett, Gillham, Ark.

155 ACRES—Marion county; wire fenced; 100 acres in cultivation; 90 acres prairie land; three-room house, barn and other buildings. On mail route, one and one-half miles from school and church. Five miles from railroad station. Price \$3,500. Delos O. Dodd, Everton, Ark.

40-ACRE FARM—20 acres in cultivation; 150-tree orchard; one-half bottom land, balance level upland; well adapted to truck, fruit or cotton; four-room house and other good buildings; on mail route. Five miles northeast of Gillham; two miles from school. Price \$1,000; \$400 cash. Loan on place. Geo. L. Hopkins, Gillham, Ark.

90 ACRES UNIMPROVED—Sand upland and good branch bottom; one and one-half miles from sawmill town and railroad; six miles from oil field. Price \$1,350. W. T. McKinnon, Wesson, Ark.

120-ACRE FARM—30 acres in cultivation; good pasture and well and spring water; five-room bungalow, garage, barn and other buildings; good orchard. Price \$1,300; liberal terms. C. Anderson, Formosa, Ark.

160-ACRE FARM—Dallas county; 30 acres cleared, 100 more to clear. All under wire fence and cross fences. Six-room house with concrete foundation and floors, barn, smokehouse, two-car garage and other buildings; one-fourth mile to Little Rock-Camden highway, three miles to Holly Springs. Price \$20 per acre; one-half cash, balance on terms to suit purchaser at 8 per cent. Will sell crop and give possession immediately if desired. L. F. Beard, Holly Springs, Ark.

NORTHWEST ARKANSAS FARM—13 acres; 10 acres in cultivation; fruit trees; five-room house, barn and good well water; one-half mile to town. Ira D. Core, Evansville, Ark.

80 ACRES—300 bearing peach trees and some apple trees. One acre strawberries and grapes; 30 acres cotton and corn; five-room cottage; two springs and some timber; well fenced; one mile from high school. \$200 cash, balance terms. R. J. Hubbard, Ola, Ark.

120 ACRES—Five miles northeast of Monticello; good creek bottom land; 85 acres in cultivation, balance in timber and pasture; 65 acres lespedeza, 20 acres cotton; hog tight wire fence; two houses. Price \$3,500. Liberal terms, or will take

car, live stock or merchandise. T. A. McCandless, Monticello, Ark.

40 ACRES—Little River county; practically all in cultivation; some good timber; spring water, wire fenced pasture; good spring and cistern near house; three-room house, barn and other buildings. Will include some farm implements. Price \$800; terms. John N. Reed, 534 Tech St., Ottawa, Kan.

40-ACRE MOUNTAIN HOME—Newton county; 10 acres in cultivation, balance ready to clear; small orchards and good well water; two-room house, cellar, barn and other buildings; one-half mile from school, store and postoffice. Price \$300. B. F. Sanderson, Salus, Ark.

40 IMPROVED ACRES—All tillable land, level and free of rocks; ideal fruit and poultry farm; one mile to Pea Ridge. Good school and churches. Will sell all or part. For price and terms write Mrs. L. E. Brinkman, R. 1, Seligman, Mo.

275 ACRES—120 acres creek bottom and upland in cultivation; 75 acres in pasture and 80 acres in pine timber; two orchards and bearing vineyard; three dwellings, barns, potato house and other buildings. Four good wells; one-half mile from state highway; one mile to town, highway and church. Price \$9,000. Mrs. H. C. Harkey, Casa, Ark.

500 ACRES—In Union county, close to oil field. A bargain at \$25 per acre. Robbins Bros., El Dorado, Ark., R. 4.

165 ACRES—Two four-room houses, one barn and other buildings; three miles from Rammel Dam, on mail route, one mile from school and 11 miles from Hot Springs. Will sell on terms. W. G. Henderson, Magnet, Ark.

320-ACRE FARM—310 acres under woven wire fence; 80 acres in cultivation, 90 acres in tame grass, 100 acres chopped off ready to sow to grass, balance in fine timber; apple and peach orchard; three-room house, smokehouse and log barn; plenty everlasting water. One mile from postoffice, school and church. Zinc ore assayed 48 per cent has been found near surface on this place. Y. L. Parks, Fama- liel, Ark.

GOOD HILL FARM—116 acres, 25 acres in cultivation and balance in timber; two houses, two wells, large barn and other buildings; terms. E. W. Scarborough, Allene, Ark.

RIVER FARM—110 acres, 50 acres in cultivation; three good tenant houses; terms. E. W. Scarborough, Allene, Ark.

POULTRY FARM—10 acres in mineral territory; one and one-half miles from school and church. Price \$100. Henry Snodgrass, Hot Springs, Ark.

238-ACRE FARM—In Saline county; 70 acres in cultivation; garden, meadow and pasture; good farm house and other buildings; on county road, three and one-half miles from Little Rock-Hot Springs concrete highway; one mile to school and three miles to church and Masonic lodge. Price \$3,500. Chas. D. Ewell, Rubicon, Ark.

120-ACRE FARM—Faulkner county; splendid soil; 80 acres in cultivation; fences, barns and houses; near Little Rock-Conway paved highway but no road tax. Trade, terms or cash. Carl E. Bailey, 331 Rosetta street, Little Rock, Ark.

Arkansas produces three hundred million dollars' worth of crops every year.

Arkansas produces one-sixteenth of all the lumber produced in the United States.

Arkansas possesses more than 5,000 miles of railroad and 3,000 miles of navigable waterways.

Arkansas possesses the most equable year-round climate, even temperature and plentiful rainfall.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11, NO. 6.

LITTLE ROCK, ARKANSAS

JULY, 1925

Arkansas Gets Place as Important Export State for the Year 1924

Unmanufactured Cotton Accounts for Bulk of Total, Reaching Figures of Nearly \$39,000,000—Leads Several Neighbors.

EXCEEDED BY ONLY TWENTY-FOUR STATES

FINISHING twenty-fifth in the list of states of the Union in the 1924 race for export markets, and leading such states as Kansas, Kentucky, Alabama and Iowa, Arkansas had merchandise shipments abroad for the year totaling \$38,899,816, according to statistics released by the Department of Commerce.

Far Ahead of 26th.

Arkansas was led by West Virginia for the period in question by a margin less than \$300,000, while Arkansas in turn finished ahead of its runner-up, Kansas, by more than two million. The total export trade of the United States for the year ending December 31, 1924, had a valuation of \$4,492,151,936.

Cotton Principal Item.

Over 85 per cent of Arkansas' exports consisted of unmanufactured cotton amounting to \$33,573,410. The only other commodity figuring prominently in the state's export list was wood manufactures, with valuations of \$2,247,613.

Texas First; Nevada Last.

Exports amounting to over \$100,000,000 for the year were attained by eleven states of the fifty-two states and regions included in the tabulation. They were Texas, with figures of \$737,218,927; New York, \$731,593,502; Pennsylvania, \$293,299,153; Illinois, \$239,314,270; California, \$234,624,210; New Jersey, \$223,921,264; Louisiana, \$222,247,224; Michigan, \$177,876,654; Virginia, \$150,192,225; Ohio, \$133,559,362, valuations of \$114,412,430. Minnesota and Massachusetts, with merchandise

sota, with shipments valued at \$99,880,490, was just outside of the first eleven states, while Nevada, with exports amounting to but \$233,413, brought up the rear of the entire list.

Is First Export Report.

This is the first time in the history of government trade statistics that an attempt has been made to show the

Nearly \$100,000 to Credit of Bureaus When Taken Over by New Department

Handling of Feed and Fertilizer Bureaus Shown to Have Been Economical and Efficient Under Mr. Wilkes Administration.

EXPENSES LESS THAN REVENUE

THE efficiency and economy with which Commissioner W. N. Wilkes handled the Seed Inspection Bureau and the Fertilizer Bureau from January 1 to June 10, is attested by the fact that upon surrendering these bureaus to the new department created by the last legislature to handle them, there remained in the Treas-

ury to their credit unexpended balances of nearly \$100,000.

\$52,339.05 is the actual amount left by Mr. Wilkes in the Treasury to the credit of the feed fund, and a balance of \$40,695.54 was left to the credit of the fertilizer fund.

"I have been controlled in my handling of the feed and fertilizer inspection and control work," said Mr. Wilkes, "by a desire to be of real service to farmers and other consumers of these products. The record of my work reveals many instances in which dishonest and unfair methods have been stopped and thousands of dollars' losses to Arkansas farmers prevented. While striving principally for efficiency," he said, "I have at the same time found it possible to effect many economies and thus keep the expenditures well below the income."

Following is a statement taken from the department's records:

FEED INSPECTION BUREAU.

Appropriation and Balance July 1, 1924.....	\$50,078.70
Vouchers issued to pay operating expenses during period.....	44,935.04
Unexpended Balance June 10, 1925.....	\$ 5,143.66
Tax collected from the sale of Feed Tax stamps and deposited in State Treasury: 235,976.95 tons @ 20c per ton.....	47,195.39
Balance to the credit of Feed Fund.....	\$52,339.05
FERTILIZER INSPECTION BUREAU.	
Appropriation and Balance July 1, 1924.....	\$28,211.61
Vouchers issued to pay operating expenses during period.....	25,418.01
Unexpended Balance June 10, 1925.....	\$ 2,793.60
Tax collected from the sale of Fertilizer and Cotton Seed Heal tags and deposited in State Treasury: 151,607.76 tons @ 25c per ton	\$37,901.94
Balance to the credit of Fertilizer Fund.....	40,695.54
Total	\$93,034.59

1924 Crop Report

As announced in the June issue of the *Bulletin*, the report of crops produced in Arkansas in 1924 is now ready for distribution.

The report, which is in book form, is entitled "Arkansas Crops." It is the first publication issued by the department under the present administration and is the sixth annual crop report. It is handsomely illustrated and contains information which cannot be had from any other source.

A copy may be had by writing to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock.

relative yearly standing of the different states and regions of the Union in the never ending struggle for foreign trade. Formerly, official trade figures gave only the port from which shipments were cleared. Inland producers, desirous of finding out what agricultural and manufactured goods came from their regions wanted the Commerce Department to adopt some other system. The outcome was the new compilation which is based primarily on through-bills-of-lading, and therefore, in the ease of some states reflects but a part of their total foreign trade and for others includes goods produced elsewhere.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE
W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge.

There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month.

Address requests for paper and send all copy to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



URGES TAX REVISION AND STATE POLICE

J. Bodine of Swain, Ark., has written Commissioner Wilkes, asking that something be done about the tax question, giving his views on the question and urging the establishment of a state police force. He wrote as follows:

"Having received numbers 1, 2, 3 and 4 of the Bulletin and read your program," Mr. Bodine writes, "I will take the liberty to butt in and inquire if it would be possible, or rather of any benefit to attempt to place taxes where they belong. When I lived in Iowa, the land was taxed, not the improvements, but here it is the improvements and the cow and calf of the struggling poor man who still is in debt for said cow. Three or four days' work must be given on the roads and \$1 a head poll tax be paid, while the non-resident has no road tax to work out and no poll tax to pay although he holds vast tracts of the best of our fair state while waiting for the residents to improve the country or starve out. While the residents must combat with the foul seeds grown on land owned by non-residents, and have poor schools because scholars are scarce and no roads, because there is so few men to hack down brush and keep hog trails open over or around the land owned by non-residents. On such land forest fires often rage and are a menace to the property of residents.

"Please don't think us impertinent, we simply wish to give you a chance to consider the issues foremost in our minds as citizens. So, in addition to a plea for just tax, we would cry out so it could be heard from every housetop and mountain, give us state police as nine other states have, and let Arkansas not be backward in protection to the lives of law-abiding citizens."

An average car of poultry, considering both live and dressed poultry, weighs 25,000 pounds.

It's time to take good care of the hogs we have. Arkansas is not raising enough pork for home use and hogs are high again.

Live Stock Losses

"Losses resulting from animal disease or inferior products or low yields all tend to reduce the income of all farmers. These losses often may be prevented by early diagnosis and the use of preventive measures. The farmer's available income is easily wiped out by the avoidable losses which he often endures."—*Farmer and Breeder.*

NEW MAP WILL BE PUBLISHED SOON

Commissioner Wilkes announces that a map survey of Arkansas which he started early this year is about completed. The new map will be ready for distribution some time during the next sixty days.

The new map is said to be absolutely accurate. It recognizes new lands reclaimed by drainage, shows the correct course of streams, corrects errors in county lines and has eliminated from it abandoned railroads and has added to it all new railroads.

In addition to the regular map the sheet will have on it eight smaller maps, showing rainfall, temperature, topography, minerals, soils, etc., and on the reverse side will be information about the population of the various towns. Those desiring one of the new maps should address a request to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Ark.

PLANT BOARD TO MEET AT ROGERS

The first public hearing to be held by the State Plant Board for the purpose of grading agricultural products, as authorized by an act of the 1925 legislature, will be held at Rogers on July 6, according to an announcement made Monday by C. G. Becker, chief inspector of the board. The board, Mr. Becker stated, proposes to adopt the same standard for apples as is used by the United States government and two additional grades for bulk apples. Other hearings will be held later.

Commissioner Wilkes is chairman of the board.

RICE.

In 1695 a bag of rice was brought from Madagascar and sold by a sea captain to the English governor of North Carolina. That one bag's contents started the rice industry in America. The crop kept multiplying and spreading until in 1924 it totaled about two billion pounds.

The world produces 25 billion pounds of rice a year. It all came from one original rice kernel. Where did that kernel come from? One of nature's mysteries.

OFFICES MOVED.

The Immigration Bureau has been moved from the third floor of the State House into the offices of the Department of Mines, Manufactures and Agriculture. The Immigration Bureau is a part of the Department of Mines, Manufactures and Agriculture, but has always occupied offices on the third floor.

It is stated that the move was made to provide space for one of the new departments created by the last legislature.

American Apples Popular.

Superiority in grading, quality and pack have made American boxed apples well known in Egypt, according to R. A. May, American Trade Commissioner at Alexandria. The fruit is said to be preferred to cheaper supplies received from Italy, Turkey and Greece. Supplies from Australia offer keenest competition but were very light during 1924.

CROP POSSIBILITIES FOR 1925 OUTLINED

Department Statistician Thinks 1925 May Equal Last Year.

By C. S. BOUTON, *State-Federal Crop Statistician.*

What is the agricultural outlook based on present conditions for 1925?

First, our labor situation is the best it has been in a number of years. Farm labor is working willingly, and this of course means much for a successful year.

Second, the very dry spring with increased labor allowed for the preparation of a larger amount of land, perhaps more than ever before; at least, if not that, more than in a number of years.

Third, continuation of this drouth prevented the carrying out of planting intentions to some extent. Farmers were unable to get in, especially in tight or thin soils, all of the acreage planned. Nevertheless, it is thought that the major crops, with the possible exception of hay, have made increases. We cannot state positively that this is the case at this time, because acreage computations are not finished.

Fourth, the dry year is having another effect in that there are very little weeds or grass to combat, and cultivation, so far as it affects cleanliness of crops, is almost perfect. This is one of the reasons why crops have done so well on slight rainfall. Crops have had no competition for the moisture in the soil, and have therefore held up in remarkable manner.

It is impossible, of course, to make any predictions as to what the general outcome will be. It looks, though, as if we would have a repetition of last year, with the cash crops; cotton, rice and the fruits; making good returns and the feed crops; like corn, small grains, hay and potatoes; being reduced in yields. Abundant rains from now on would, of course, change this present outlook and might make late corn and late hay produce exceedingly well, and at the same time cause a decided falling off in cotton prospects.

In a general way, then, with average conditions from now on, it looks as if the agricultural year 1925 in Arkansas will be profitable for the state as a whole, though in some sections, as has been happening for the past two or three years, the probable shortage in feed crops will cause a continuation of buying of feed by the farmer.

Tennessee Shipping Poultry Co-operatively

Four carloads of hens were recently marketed co-operatively in three counties in Tennessee at a premium of 3½ cents over local prices, according to A. L. Jerdan, marketing specialist for the State College of Agriculture, who assisted the county agents in arranging the shipments.

CUTS VALUABLE TIMBER.

A walnut tree cut by Frank Watts in Marion county last month, near the top of Hall Mountain, is said to have been 93 years old and scaled 280 feet board measure.

Plans are being made to market this year's wool crop in Alabama through a pool which will hold one big sale during the season.

HOGS NEED MUCH CARE IF SHIPPED IN SUMMER

Precautions Which Must Be Taken to Prevent Loss Related.

The importance of giving special care to the loading and shipping of live stock in hot weather was emphasized in a recent issue of the Kansas Stockman, abstracts from which are given below:

"Special care should be taken in loading hogs in hot weather. Put plenty of wet sand on floor of the car, and it is sometimes a good plan to hang sacks of cracked ice to the roof of the car, allowing the melted ice water to drop on the hogs.

"Where possible, the shipper, or an attendant, should accompany live stock to market, and from time to time look at the cars in his charge and see that the animals are in good condition.

Cool Hogs With Water.

"When shipping hogs in hot weather, the attendant should watch them closely to avoid cars being left standing between buildings where there is no circulation of air. In cases where the hogs become hot en route, the attendant should see some of the train crew and have the cars spotted where water can be turned in on the animals and where there is a good circulation of air.

"Live stock that is to be moved some distance to the shipping point should be moved slowly and carefully, in warm weather they should be moved in the cool part of the day. It is a good plan to haul hogs and sheep to the shipping point if practical to do so. When driving or loading live stock, care should be taken not to strike or beat the animal. Animals that become bruised or injured in loading and shipping, produce an unattractive and wasteful carcass, thus causing losses.

"Live stock should be delivered to the shipping point in ample time to allow them rest before loading, and it is sometimes a good plan to water before loading; if moved some distance, it is also a good plan to give a light feed of hay. Live stock that is loaded hungry and thirsty will not ship well.

"Cars should be looked over thoroughly for holes in the floor, loose and broken slats, nails and other sharp objects in the floor and sides. With these conditions present, the animals are presented on the market in an undesirable and unattractive condition, which means a loss of dollars and cents.

Cars Should Be Clean.

"Cars should be thoroughly cleaned and clean sand or straw put on the floors. Live stock loaded in dirty cars will become dirty, and dirty live stock is not attractive to the buyer on the market.

"Loading—Do not load too heavy, if the animals are crowded in the car, there is danger of some of the animals becoming fast in the car and if in a crowded condition the animals that are down will smother to death; also, if the animals are loaded too heavy, there is more danger of animals having their legs broken and bodies bruised, which causes serious financial losses to the shipper when the animals are sold."

A man who is not willing to share his success with others won't have very much success for himself.

NO ADVERTISING FUND CREATED

Appropriation Was Asked For, but Disallowed by Legislature.

OTHER STATES ADVERTISING

An impression that the Department of Mines, Manufactures and Agriculture secured an appropriation of \$100,000 with which to advertise Arkansas seems to have become prevalent. This has come about, probably, on account of the fact that Mr. Wilkes did ask for such an appropriation. The Legislature did not see fit to authorize such an expenditure.

Mr. Wilkes feels that nothing could be of more genuine benefit to the State; and has stated repeatedly that it is his purpose to carry on such a campaign of education along that line as will eventually result in some such action by the Legislature.

Much data about advertising by other States and cities has been assembled by the Department, and the resultant benefits emphasize forcibly Arkansas' folly in neglecting to tell the world about herself. More than two million dollars is being spent to advertise the Northwestern States this year. Salt Lake City, Utah, spent less than \$65,000 for national advertising in 1924 and Mr. L. S. Mariger, president of the Salt Lake Transportation Company, says that the town enjoyed a one-million-dollar increase in business. No doubt the balance of the State also enjoyed a measurable benefit. Through advertising, new industries have been induced to invest five million dollars in Salt Lake City in three years, and the population has been increased ten thousand.

If Arkansas should spend \$100,000 in national advertising she would realize in the course of three years a ten-million-dollar increase in business. Florida, California, Utah, Washington, Texas, Oregon, New Mexico and about twenty-five other states are spending increasing amounts for advertising each year. They are enjoying increased prosperity despite the fact that they have much less to advertise than has Arkansas.

Mr. Wilkes believes that every loyal, patriotic citizen of Arkansas wants to have the world told about Arkansas' advantages and it is his purpose to make the demand so insistent that no future legislature will dare fail to heed the plea.

Growth of Co-operation.

The amount of business done by co-operative associations in the United States will reach the sum of 2,500 million dollars for 1924, according to preliminary figures compiled by the U. S. Department of Agriculture. This will be an increase over 1923 of approximately 300 million dollars. In 1915 the turnover of farmer co-operatives in the United States was only about 635 million dollars. The total number of farmers' business organizations in the United States is in excess of 12,000 with a membership of about 2,500,000 farmers.

Horses and mules must be replaced on the average every eight years. Arkansas farmers must produce more than 86,000 horse and mule colts each year or more than three times our present rate of production. If the horses and mules are replaced from our own farms.

ROCK ISLAND TO BOOST ARKANSAS IN MAGAZINE

Entire Editorial Staff Sent Here to Get Pictures and Data.

Valuable advertising for Arkansas will appear in the July issue of the Rock Island Magazine, it became known recently when the entire editorial staff of that magazine arrived in Little Rock on their own special train.

The editors came from 14 Western and mid-Western states, and spent several days in various parts of the state assembling data from which to prepare news articles about Arkansas.

Following visits to the various Rock Island offices the staff was joined by Gov. and Mrs. Terral, newspaper men and business men at the company's shops. The entire party visited Hot Springs and participated in the broadcasting of a program from station KTHS atop the new Arlington hotel.

Photographs of points of interest on the Rock Island lines, as well as public buildings and officials were made by A. J. McLean of Chicago, official photographer, and will be reproduced in the July issue of the Rock Island magazine.

Farmers' Week.

The popular affair known as Farmers' Week and which is staged annually by the University of Arkansas College of Agriculture at Fayetteville, is scheduled for the week of August 11 to 14 this year, according to recent announcement.

HOPE TOMATO PLANTS PREFERRED IN NORTH

Ohio Firm Buys 1,500,000 After First Lot Killed by Frost.

It was a fine tribute to Arkansas tomatoes that was paid last month when Chas. S. Thurlow of Toledo, Ohio, came down to Hope and bought a large supply from R. O. Bridewell. Mr. Thurlow is the representative of a packing plant at Toledo, that plants a large acreage to tomatoes each year. He was here about a month ago and personally superintended the shipping of 1,500,000 plants, all of which were killed by frost after being transplanted to the fields of the packing company. The plants were of such a high grade and free from any indications of disease the company sent him here for more.

THE HIGHEST TAX.

Mr. Daniel Otis, director of the Agricultural Commission of the American Bankers' Association, said recently: "The present agricultural problem is not increased production but more economical production. Farmers, where unsuccessful, are using poor methods. We complain of high taxes, but the highest tax the farmers are paying is the tax of ignorance—no form of legislation can keep up the fertility of the soil."

FARMS FOR SALE

10 ACRES—Joining the town site of Leslie; unimproved but good for fruit and truck. Good spring water on the place. Will sell or trade for a good Ford car. T. J. Seay, Summit, Ark.

65-ACRE FARM—Ten acres fenced, six acres in cultivation and the balance in timber; 20 acres more can be cultivated. On first bench of mountain, three-quarters of a mile northwest of Mt. Levi. Near school, church and postoffice; good house, barn and spring water; small orchard. Price \$425. Will accept good Ford car or young stock as part payment. J. M. Graves, Mt. Levi, Ark.

10-ACRE FRUIT FARM—Some timber, grapes and raspberries and 65 Stark and Jonathan apple trees; splendid home site; good house on the place, near school and shipping point. Price \$700. E. E. Wayt, R. 1, Decatur, Ark.

64-ACRE IMPROVED FARM—35 acres fenced; 190 fruit trees and large store building, near Pettigrew on good road. Nothing wrong with the place. Have a good position in the city and want to leave. Priced to sell. L. W. Hawley, Fallsville, Ark.

WANT TO TRADE—Colorado farm for well improved Arkansas farm. Colorado place has over 600 acres good plow land in one solid block and is valuably situated for those with lung disease. Clear title, and no indebtedness. W. N. Greten, 410 W. 24th St., Little Rock, Ark.

120 ACRES—20 miles north of Clarksville. Has two wells, one spring and small orchard; 20 acres in cultivation and 40 more can be cultivated. One-half mile from school, store and postoffice. Four-room house and barn. Price \$1,000. A. S. Eggers, Catalpa, Ark.

TWO FRUIT FARMS—In Crawford county. Will sell or trade. For particulars address M. E. Cleveland, Rudy, Ark.

40 ACRES—Near Foreman, Ark. For price and particulars address John Reed 534 Beach St., Ottawa, Kan.

11-ACRE HOME PLACE—At Hiwasse. Is well improved, has two acres of peaches and some apples, plums and cherries. Good well water; house, barn and other outbuildings. One block from depot. Pete Oaks, Sulphur Springs, Ark.

120-ACRE STOCK FARM—In southern Missouri; 70 acres fenced; two sets of improvements and two fine springs; 85 acres plow land; balance suitable for orchard. Will sell or trade for Arkansas property. C. C. Hungate, Siloam Springs, Ark.

159-ACRE FARM—In White county; nine acres in cotton, eight in strawberries, 15 in corn, 40 in meadow, seven acre woodlot and balance can be cultivated; splendid improvements; near good school. \$30 per acre. J. P. Aton, R. 1, Box 65, Garner, Ark.

TWO MADISON COUNTY FARMS—80 acres in one, which is all under fence; 40 acres cleared, 10 acres in meadow, 25 acres in pasture; young orchard and vineyard; six-room bungalow, barn and smokehouse; good water; five miles from St. Paul and one mile from school and church. The other place contains 40 acres and is one-fourth mile from 80-acre place. It has 10 acres in meadow, four in pasture and the remainder in hardwood timber. For further particulars and prices, address A. S. Guinn, Japton, Ark.

67-ACRE FARM—All in cultivation; 75 peach trees and one acre of strawberries. good buildings, one mile from high school, three and one-half miles to Jonesboro A. & M. and Baptist Colleges. Price \$45 per acre; terms. J. C. Elrod, Jonesboro, Ark.

3-ACRE FARM—Is all under fence; good rich bottom land, and is set to small orchard and tame grass; good four-room house. Price \$1,100; will take Ford car as part payment. J. C. Brown, Bellefonte, Ark.

40-ACRE FARM—Well improved. Will sell or trade for Star or Ford car. W. J. Barrett, Fox, Ark.

160 ACRES MOUNTAIN LAND—60 acres fenced and 30 acres cleared and subject to cultivation. At least 120 acres will make plow land. Very ordinary improvements. One and one-half miles to school and church. Price \$800. J. L. Ellis, Ben, Ark.

480-ACRE COLORADO FARM—Between Huerfano and Las Animas. Will sell or trade for Arkansas land; good title and no indebtedness. O. D. Walhberg, Clanda, Col.

20 ACRES—One and one-quarter miles from town of Leslie; partly cleared and is suitable for fruit and truck farming. Will sell or trade for big car. T. J. Seay, Summit, Ark.

WALKOUT PROPOSITION—80 acres; all improved, crop, stock, tools and everything. Will sell or trade. What have you? W. J. Barret, Fox, Ark.

280-ACRE FARM—70 acres in cultivation and 100 more can be cultivated. Two sets of buildings, orchard, three wells, plenty of small timber, fine strawberry land and well adapted to live stock. Price \$3,500, or will consider trade for western or northern land or business proposition. M. M. McCall, Bradford, Ark.

40 TO 160 ACRES—Four and one-half miles from Williford; 20 acres in cultivation and the balance in hickory and oak. For price, terms and particulars, write Emile Roth, Williford, Ark.

40-ACRE HILL FARM—Splendid place for small family home. Dwelling, stone smokehouse, good berry land and fine spring water. Price \$600, or will consider Ford car in first class condition. B. H. Mays, Denmark, Ark.

80-ACRE CREEK BOTTOM FARM—35 acres under fence, 25 acres clear; new four-room bungalow, new barn. Three and one-half miles from railroad station and town; three-quarters mile from school and church. Want to trade. Let me know what you have. C. W. Pickings, Letona, Ark.

40-ACRE FARM—30 acres in cultivation, balance in woods pasture; hog tight fence, three-room house, barn and other buildings; big cistern; mile and a half from Foreman; mile and half from country school and five miles from Winthrop; on Jefferson highway. Price \$800; \$400 cash, balance terms. John and Geo. Reed, 534 Beach St., Ottawa, Kan.

WANTED TO TRADE—16 lots in Spokane, Washington, for Arkansas farm land. A. C. Meeks, R. 1, Box 77, Bonnerdale, Ark.

3½-ACRE HOME SITE—In East Searcy. Four-room house, good well water in house, barn, storehouse and gasoline filling station. Delco lighting system. On Little Rock to Newport highway. Price \$5,000. Henry Hames, R. 2, East Searcy, Ark.

120-ACRE FARM—In Faulkner county, on good road near Little Rock-Conway concrete highway, but no road tax. Will sell or trade for good car. Carl E. Bailey, 331 Rosetta St., Little Rock, Ark.

312-ACRE IMPROVED FARM—Plenty good fruit; good water; mile and half to railroad town on White river; near highway. Will take 10 acres suburban property as part pay. L. M. Roc, Calico Rock, Ark.

160-ACRE CROSS COUNTY FARM—Three and one-half miles south of Wynne, just off gravel road; 140 acres in cultivation; near school and church, on public road. In a good white neighborhood. Two houses and barn, all under wire fence. Place is well located, is level, no bad conditions and a fine farm. Price \$25 per

acre; terms. Whitfield Shaver, Wynne, Ark.

160-ACRE IMPROVED FARM—Stone county. Sell cheap, or trade for Kansas, Oklahoma land, or take truck or car part pay. What have you? L. C. Dehls, Mountain View, Ark.

140 ACRES—125 in cultivation, 3 in timber, 7 1-2 in orchard, 45 in meadow; good six-room house, barn, poultry house and garage. Three miles from Harrison; one-half mile from school and one mile from church. Will sell on terms or will trade for small farm. Prefer northwest Arkansas fruit farm. T. J. Johnson, R. 3, Box 130, Harrison, Ark.

20-ACRE FRUIT FARM—17 acres in cultivation, 3 acres in timber and has orchard consisting of 100 apple and 300 peach trees. New four-room bungalow, good chicken house and hog pasture. Plenty of well and spring water. On good road but no road tax. Mile and half to school and church. Price \$1,500, or will include pair of mules, wagon and harness, cow and calf, all farm implements and crop for \$1,800. Terms, one-half cash. Lee Steinsiek, R. 5, Alma, Ark.

200-ACRE BAXTER COUNTY FARM—50 acres in cultivation, 100 more can be cultivated when timber removed; timber merchantable. Two never-failing springs. Splendid orchards; 75 acres under high tight fence. Two houses and two barns. Mile and half to school, church and postoffice. Price \$1,600; \$1,000 cash, balance easy terms. Will sell crop and give possession if desired. C. W. Beavers, Advance, Ark.

180-ACRE YELL COUNTY FARM—70 acres bottom land, balance good upland. Three sets of improvements. Four good wells and family orchard. Half mile to good school. Priced to sell. M. L. Osborn, Blue Mountain, Ark.

52 ACRES—In Marion county; 15 acres tillable. Will sell or trade for good car. H. P. Gibson, Box 75, Flippin, Ark.

80 ACRES—10 acres in cultivation and 70 acres in merchantable timber. Half mile from school and church. Price \$400 cash. Fred Forrester, Rupert, Ark.

EMPLOYMENT WANTED.

FARM MANAGER—With large experience, wants to take charge of farm or will work on farm close to good town. Can furnish best of references. R. A. Bishop, Box 152, Hackett, Ark.

FARM PRODUCTS FOR SALE.

FARM—TANNED SOLE LEATHER—And hame straps. Made on farm from native Arkansas hides. Prices right and guaranteed. Fred Keeler, Gravette, Ark.

TOWN PROPERTY FOR SALE.

LARGE BUSINESS BUILDING—Now being used for store and rooming house. Price \$3,000, or will trade. Nichols & Clark, Eureka Springs, Ark.

HOME FOR SALE—217 North East St., Fayetteville, Ark. Five-room, frame house, east front, paved street, two blocks from square close to depot, churches and theaters. \$5,000. P. J. Carney, 215 N. 18th St., Fort Smith, Ark.

NURSERY STOCK, PLANTS AND SEED FOR SALE.

FOR SALE—Cheap; seed oats. Madison County Farm Bureau, Canton, Miss.

POTATO PLANTS—Hand picked from selected seed, best grade sweet potato plants. One thousand for \$2.50; 500 for \$1.40; 100 for 40c, postpaid. Clarence Young, Waldron, Ark.

FARMERS' EXCHANGE

LIVE STOCK FOR SALE.

REGISTERED BUCK GOAT—Will sell cheap. If interested, address Warren Johnson, Mayfield, Ark.

FIFTY-FIVE HEAD ANGORA GOATS—For sale cheap. A. O. Bogle, Box 404, Bentonville, Ark.

JERSEY BULL—Romper's Bumper, dropped April 20, 1922. Dam, Ruch Nell, second, No. 344013. Sire, Romper's Woodrow, No. 137640. Well marked and worth twice my price for small herd. Price with papers, \$50. J. A. McDonald, R. 2, Ashdown, Ark.

FOR SALE CHEAP—Three rams, one four years old, one three months old and one last spring's lamb. Will sell or trade. W. C. McCarley, Gilham, Ark.

HAMPSHIRE HOGS—Tried sows bred; gilts bred; young boars, and four-month-old pigs. Priced right. F. P. Owens, Bingen, Ark.

10 DUROC JERSEYS—Registered, big bone; 3 male, 3 gilts, 3 months old, \$10 each. Two sows, seven months old, \$25 each. Two sows, 18 months old, \$50 each. Papers furnished. C. W. Pickings, Letona, Ark.

DOGS.

FIVE FULL BLOOD POINTERS—All females, six weeks old. Price \$7.50 each, f. o. b. Vilonia, Ark. S. P. Crafton, Vilonia, Ark.

TWO FOX HOUNDS—Male and female, two years old; good size, no faults and cry fox only. Sire, Dug Dosson 7317. Price \$50. B. H. Mays, Denmark, Ark.

TWO-YEAR-OLD COLLIE—Black; good hog catcher and peaceable among children. For price, write B. H. Mays, Denmark, Ark.

PAIR OF COLLIES—Male four years old, female eighteen months old. Male is finished squirrel and possum dog. Female not finished. They are not related. Price \$25 for the pair. D. S. Sanders, R. 3, Box 139, Magnolia, Ark.

AIREDALE PUPPIES—From famous strain. Offspring of champion of the strain for quality. Males, natural and spayed; females, \$10. Shipped on five days' approval. W. O. Ruckman, Mill Point, West, Va.

FOR SALE—Two-year-old half breed collie and airedale. Can be trained to drive. Good squirrel dog. \$10. Buford Bryan, Willow Springs, Ark.

BLACK AND TAN JYP—Two years old. Price \$10. Will trade for gun or watch. Also a ten-month-old Jyp. Price \$15. Sid Moore, Dover, Ark.

MISCELLANEOUS WANTED AND FOR SALE.

IRELING SHINGLE AND HEAD-ING MILL—A No. 1 outfit; can be bought cheap. Address, S. L. McGinnis, Glade, Ark.

COTSWALD RAM WANTED—State whether grade or pure bred and price f. o. b. Harrison or Pettigrew, Ark. J. Bodine, Swain, Ark.

GEARHART KNITTING MACHINE—And enough yarn for three dozen pairs of hose. Also assign hose contract. For sale cheap. Mrs. Jessie Francis, R. 2, Arkadelphia, Ark.

ST. LOUIS REAL ESTATE—Will sell or exchange for farm land or tract of cut-over land in central Arkansas. Ed Wedekind, 120 S. Oak St., Union, Mo.

NARCISSUS BULBS AND DAFFODILS—Will pay five cents per pound or will exchange other flowers. Address, C. Evershed, R. 3, Malvern, Ark.

FARM WANTED—Will purchase or lease 40 acres near thriving town. Must be suitable for poultry or dairying. W. P. Moran, Dumas, Ark.

FOR SALE—45 H. P. boiler, 35 H. P. engine and saw rig. Harry Johnson, Rabell, Ark.

E. L. F. IEN AND CHICKEN TONIC—Prevents roup and white diarrhea; expels worms, kills disease germs and makes strong healthy chicks and hens. enough for 100 hens daily for one year, \$2 prepaid. Geo. H. Place, Box 245, Mt. Home, Ark.

E. L. F. RAT POWDER—Guaranteed to exterminate rats. One-pound package, \$1 prepaid. Geo. H. Place, Box 245, Mt. Home, Ark.

WANTED TO RENT—Farm that will produce corn, clover, wheat, good pasture and fruit. Prefer well stocked place that can be purchased later. Location must be healthful. V. B. Gray, 601 S. Broadway, Albuquerque, N. M.

LOOKOUT MOUNTAIN IRISH POTATOES—Want to hear from any one having Lookout Mountain or Georgia Rouser Irish potatoes for sale. C. H. Boyd, 1005 Garrison Ave., Fort Smith, Ark.

COAL LAND—In northwest corner Cleburne county. Will sell or lease. Also have two lots and building in Shirley, Ark. Also grist mill and planer. Have two lead mines for sale. For prices and particulars write C. D. Kirkwood, Box 14, Shirley, Ark.

BLUE ANDALUSIAN CHICKENS WANTED—Will trade Lukenwelder, Brahmas or any of several other breeds or will purchase. Emile Roth, Williford, Ark.

LOCATION DESIRED—Doctor of medicine with long experience desiring to come South wants to get in touch with a community where services are needed. Will consider mine, factory or plantation contract practice. Please give complete information in first communication. Address, Dr. R. H. Crowder, Richland, Ind.

AUTO KNITTING MACHINE—Brand new. Will trade for anything worth \$50. A. C. Meeks, R. 1, Box 77, Bonnerdale, Ark.

WISCONSIN INCUBATOR—180-egg capacity; been set three times. Price \$16, or will trade for sheep, milch goats or anything of equal value. M. M. McCall, Bradford, Ark.

WANTED TO BUY—2,000 Bois d'Arc sprouts, for fall delivery. Bob Beam, Hon, Ark.

GEARHART KNITTING MACHINE—Same as new, will sell at a sacrifice as I do not have time to use it. Price \$30 for quick sale. Mrs. Minnie J. Marks, R. 2, Camden, Ark.

EVAPORATED APPLE SHIPPERS—Get into touch with me. Walter B. Smith, 407 Vandiver Bldg., Montgomery, Ala.

PAIR ANTIQUE EARRINGS—Indian style, 112 years old. Trade for typewriter, Victrola or anything value \$50. L. M. Roe, Calico, Rock, Ark.

POULTRY AND EGGS FOR SALE.

WHITE LEGHORN COCKERELS—English type, Baron strain bred for heavy laying purposes from 300-egg layers. March

hatch. Price 75c each. Ella Cunningham, Pangburn, Ark.

S. C. WHITE LEGHORN COCKERELS—Kerlin's Super A, 300 egg strain. Price \$2.50 each. Jane Scott, Hagler, Ark.

S. C. D. B. LEGHORN COCKERELS—From good range flock. Price \$1 each. Clarence Young, Waldron, Ark.

WHITE ENGLISH LEGHORNS—Single comb. Hens \$1 and \$1.25; cocks, \$1.50. Young Leghorns and Barred Plymouth Rocks, \$1 each; cocks, \$1, or \$10 per dozen. Eggs, \$3 per hundred. Mrs. D. C. Davis, R. 1, Pangburn, Ark.

S. C. D. B. LEGHORN COCKERELS—Pedigreed, six to 12 weeks old. From pen of selected hens. Bred for eggs and show winners. Price \$1 to \$1.50 each. Also two one-year-old cockerels for \$4 and \$6. Thomas Hester, Lonoke, Ark.

THE WONDER ROCKS OF THE WONDER STATE—McLester's strain of Barred Plymouth Rocks. Wonderful official show and egg record. February and March hatch cockerels out of highest priced matings in Arkansas, \$2.50 each. Ray L. McLester, Box 94, Pangburn, Ark.

40 WHITE LEGHORN HENS—English strain, \$1.25 each. Also two cockerels, same strain, same price. All one and two years old. B. H. Mays, Denmark, Ark.

SILVER SPANGLED ROSE COMB HAMBURG—March hatched cockerels for sale of exchange. Write S. J. White-side, R. 2, Decatur, Ark.

RHODE ISLAND RED COCKERELS—For prices write Mrs. Bryan Ashcraft, Box 113, Casa, Ark.

LUCKENWELDER CHICKENS—From European stock; best layers and most beautiful chickens of leghorn type, white body with black heads and tails. Roosters priced from \$1 to \$5 each; eggs 25 cents each. Will sell one or two pullets to each one purchasing a rooster. Have also for sale Brahmas, Anconas and Cornish at \$1 to \$2.50 each. Also have a cross between Brahmas and Luckenwelder. Emile Roth, Williford, Ark.

McLESTER LAYING LEGHORNS—S. C. D. B. Leghorns, March and April hatch cockerels and pullets out of great breeders, \$1.50 to \$2.50 each. R. L. McLester, Box 94, Pangburn, Ark.

S. C. WHITE LEGHORN COCKERELS—I have a number of pure bred S. C. White Leghorn cockerels for immediate sale, three months old. Price \$1.50 each, f. o. b. Camden. W. Edison Jeffus, R. 2, Box 108, Camden, Ark.

S. C. WHITE LEGHORN COCKERELS—From 300-326-egg strain. \$2.50 each. J. F. Dodd, R. 2, Box 65, Alpena Pass, Ark.

BRONZE TURKEYS—Cheap if taken soon. L. M. Roe, Calico Rock, Ark.

OLEOMARGARINE BOYCOTTS UNLAWFUL

The Federal Trade Commission has declared that resolutions calling upon merchants and citizens to quit selling oleomargarine are unlawful. Statements that oleomargarine "is injurious to public health" are not warranted by the findings of the Commission and are therefore unlawful. The Commission declared that such resolutions and such statements are unfair methods of competition and therefore orders the Wisconsin Creamery Association, and some forty others, to cease and desist from trying to kill the margarine industry by such methods.

This ends a long investigation by the government into the efforts of a group of persons in one industry to kill a competitive industry by means of a systematic boycott and a misrepresentation of the facts relating to the wholesomeness of oleomargarine.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST-OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11, NO. 7.

LITTLE ROCK, ARKANSAS

AUGUST, 1925

"FARMERS' WEEK" PROGRAM IS ISSUED

Is to Be Bigger and Better Than Six Held Before—
2,000 to Attend.

COMPLETE programs of the Seventh Annual "Farmers' Week," to be staged by the University of Arkansas College of Agriculture, August 11, 12, 13 and 14, have been distributed. It contains detailed instructions for visitors as to just when and where each event will take place.

Visitors Instructed.

It contains the following statement under the head of Announcements:

"All visitors should come directly to the University Campus, where rooms will be assigned either to a dormitory or out in town. Come to Registration Booth. Farmers, farmers' wives and their children are welcome. As long as rooms are available, visitors who wish to do so may room in one of the University dormitories free of charge, but should bring bed linen, towels and covers with them just as regular students do. The University provides meals at the Dining Hall at 40 cents each. No other expenses or charges. Those who prefer to room out in town can get rooms close to the University for 50 cents a day. Such visitors can get meals at the University Dining Hall at regular rates. Fayetteville has a 17-acre camping ground near the University. Lights, water, toilets, dining rooms, all free. Camp out if you wish. Practically all visitors come in automobiles, so bring your tents along. There will be plenty of practical demonstrations each morning and afternoon on spraying, terracing, judging live stock and poultry and dusting against boll weevil. Community singing will be featured each evening where everybody sings under leadership of a specialist. Plays and lectures each night. Old

(Continued on Page Two, First Column.)

Wilkes' Economy Nets \$109,382.34 At End of First Six Months of Term

Annual Financial Statement Shows Big Savings Made by
Limiting Expenditures to Actual Needs—
Large Income Produced.

THE fiscal year which came to a close June 30 marked the end of the first fiscal year since the beginning of the administration of Commissioner Wilkes, and it finds an interesting state of affairs in his office.

There was appropriated for the use of the Department of Mines, Manufactures and Agriculture during the period July 1, 1924, to June 30, 1925, a total of \$178,652.50, according to the annual financial statement just issued by Mr. Wilkes, and only \$168,596.37 of that amount was actually expended; thus effecting a saving of \$10,056.13. The Department produced an income of \$99,326.21 during the period, from the sale of feed and fertilizer tax stamps and cotton tags, thus reducing the actual cost to the general revenue funds of the State for operating the entire Department, to only \$69,270.16, the report shows.

In commenting upon the results as shown by the report, Mr. Wilkes said: "It is a sad commentary upon present day men and politics that some officials seem to regard it as their highest duty to spend every cent

of the taxpayers' money which is appropriated, whether any good is to come from such expenditure or not. I have tried," he said, "and will continue to try to spend the taxpayers' money only when some constructive good will result, and if I do not feel sure that any contemplated expenditure will benefit the State, it will not be made, but the money turned back into the State Treasury. The \$10,056.13 unexpended balance which I turned back to the State Treasury at the end of my first six months of service," he said, "should furnish sufficient proof of my sincerity in this regard."

Following is a condensed statement taken from the annual financial statement of the Department of Mines, Manufactures and Agriculture:

Dept. Appropriation	\$178,652.50
Amt. not expended.....	10,056.13
Actual expenditures	168,596.37
Income produced	99,326.21
Net cost	\$ 69,270.16

Mr. Wilkes states that he feels very much elated at the showing

(Continued on Page Two.)

BULLETIN TO BE SELF-SUSTAINING

Plans to Make It Bigger
and More Useful Are
Worked Out.

As this issue of the Bulletin goes to press, plans for its enlargement and the further extension of its usefulness have just about been completed. Under the arrangement as now contemplated, the Bulletin will be made an advertising medium and the funds received from the sale of advertising space used to pay the cost of publication. It has been the desire of Commissioner Wilkes to enlarge the Bulletin, publish it regularly and make it of the utmost value in doing constructive things for Arkansas, not only in an agricultural way, but also in an industrial way. The limited appropriation given his Department by the last legislature has made enlargement of the Bulletin's usefulness impossible, and probably would have necessitated suspension of publication altogether later on, had it not been possible to devise a means whereby it may be made self-sustaining.

It is believed that the Bulletin, with its tremendous circulation, will appeal instantly to Arkansas advertisers. This circulation can be kept up to a given standard since no subscription charge is contemplated. It will still be the official publication of the State Department of Mines, Manufactures and Agriculture, but instead of paying for it out of the taxpayers' money, the burden will be shifted to the advertisers. They receive the most direct benefit in a financial way and it is only fair that they should pay the greater part of the financial burden.

Heretofore it has been practically impossible to put over in a state-wide way, a unified Arkansas agricultural program. There has been no single medium of state-wide circulation in Arkansas. The Bulletin fills this need and its columns will be opened to the State's agricultural leaders for discussion of farm problems and practices. The University of Arkansas College of Agriculture, the Extension Force, including County Agents and Home Demonstration Agents, the Agricultural Commissioner of the Arkansas Bankers Association, the various associations of rice growers, fruit, berry and truck growers, live stock raisers, cotton growers, and all other organizations having for their purpose the constructive good of Arkansas, either in an

(Continued on Page Two.)

THE NEW MAPS

The new maps of Arkansas, referred to in the July issue, have been received by the Department of Mines, Manufactures and Agriculture and are ready for distribution. This map is made from an actual survey of Arkansas, which was completed last year. It is not a tracing, or copy, of old, inaccurate maps, and in addition to the regular map showing railroads, streams, county lines, etc., there is printed on the same sheet eight small maps, as follows: Rainfall map, temperature map, soil map, physiographic map, national forest map, timber map, geological map and a mineral map of the State.

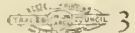
Requests for this map should be addressed to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, State House, Little Rock, Arkansas.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE
W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

This Paper Is Free—No Charge for Advertising

The Bulletin will be sent to any citizen of Arkansas upon request without charge. There is no charge for advertising in the exchange column, but this service is extended only to private citizens and not to business firms, and copy is inserted only one time. Brevity is necessary and copy must reach the office by the 15th of the month. Address requests for paper and send all copy to W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Little Rock, Arkansas.



3

"FARMERS' WEEK"

PROGRAM IS ISSUED

(Continued from Page One, First Column) fiddlers' contest one night, county singing contest another night. A convenient rest room for ladies is provided. Satisfactory summer tourist fares can be bought to Fayetteville from most points in the State. Consult your local agent. Your County Agent and Home Demonstration Agent are acquainted with the College of Agriculture and this program. See them for additional information. They will be here. Come under their leadership."

Prominent Speakers.

In addition to the addresses and lectures scheduled, many entertainment features have been provided. Besides the addresses, lectures, singing contests, etc., to be given by the University Faculty and members of the Extension Forces, the program reveals that such well known men as C. A. Cobb, editor of the "Southern Ruralist," Atlanta, Ga.; J. H. McClain, of the United States Department of Agriculture; W. H. Johnson of Fort Smith, president of the Arkansas Bankers Association; Paul Naylor, of the University of Missouri; Tait Butler, editor of the "Progressive Farmer," Memphis, and C. P. J. Mooney, editor of the "Commercial Appeal," Memphis, and C. G. Henry, president of the Arkansas Cotton Growers Co-operative Association, and others will appear on the program.

Greatest Farm Event.

Many demonstrations of practices, processes and devices of practical farm value will be given.

From a purely agricultural standpoint, there is no doubt that "Farmers' Week" is the most valuable single event which occurs annually in Arkansas. In addition to its social and educational value, it has a practical value which will return to every farmer who attends, a handsome annual dividend upon the expense entailed.

It is estimated at this time that more than 2,000 Arkansas farmers will attend the program this year.

COMPTROLLER SIMS TO LEAVE SEPT. 1

Efficient State Official Accepts Position With Eastern Firm.

Van B. Sims, state comptroller for the past seven years, will resign within the next month, to accept a position with the Associated Dry Goods Company, New York city, on September 1. Governor Terral has been notified of Mr. Sims' intention to leave the state's service and has chosen his successor, it is said, although announcement of the appointment has not been made.

Mr. Sims first became connected with the state government under the administration of Governor Joe T. Robinson, serving as legislative secretary during the time that Senator Robinson held the office. He continued in the office for 12 months, serving as secretary to Acting Governors Futrell and Oldham.

He left the state's service with the election of Governor Hays, however, and entered the employ of the federal government, remaining in this work until the election of Governor Brough in 1917. He served as legislative secretary under Governor Brough and, with the creation of the State Auditorial Department by the 1917 legislature, was named assistant comptroller, serving in that position only a few months before he was made head of the department.

During the remainder of the Brough administration he served as comptroller, was reappointed by Governor McRae in 1921 and was reappointed for a second time by Governor Terral in June. In addition to being named comptroller Governor Terral also appointed him a member of the State Board of Charities and Corrections, the commission created by the 1925 legislature to control all state institutions.

Mr. Sims is universally regarded as the most efficient official connected with the state government. It is due to his efficiency and the efficacy of his budget system that Arkansas is on a cash basis. The fact that a private firm can offer more for efficient service and capable, honest men than the state of Arkansas will pay is regarded by many as a scathing indictment of our state's policy. It certainly is one explanation of why the East continues to hold the wealth of the nation.

WILKES' ECONOMY NETS \$109,332.34 FIRST SIX MONTHS

(Continued from Page One.)

which his Department has made. He stated further, that, while he expects to try to make just as splendid a showing during the next eighteen months, he feels that such will hardly be possible because of the fact that the Feed and Fertilizer Bureaus were taken away from his Department by the last legislature and turned over to a new department created by the legislature to handle the feed and fertilizer work; consequently, such income as is produced by the Feed and Fertilizer Bureaus will go to the credit of funds other than those of the Department of Mines, Manufactures and Agriculture.

INDUSTRIAL SURVEY TO BE LAUNCHED

Department to Co-operate in Cataloging State's Native Wealth.

A recent agreement between the Department of Mines, Manufactures and Agriculture and representatives of the various Commercial Organizations to co-operate in the making of an industrial survey of Arkansas, brought to a successful conclusion Commissioner Wilkes' ambition to get Arkansas' industrial, business and agricultural interests to recognize that they have much in common, and to start them working together in an effort to do constructive things for Arkansas.

"This industrial survey," said Mr. Wilkes, "will list all of the State's developed and undeveloped resources and will be a book of cold facts, minus any attempt to hally-hoo or magnify possibilities. We expect to survey the State by counties," he said, "and will secure information about the natural and industrial resources, transportation facilities, power projects, and the social and labor conditions, principally through a questionnaire to be supplemented by already known, compiled facts. This questionnaire," he said, "is now in course of preparation and is being prepared with the greatest care and expert advice. Because of the nature of the work, it will, of course, take several months to complete it and get it into distributable form," Mr. Wilkes said.

This survey, when completed, will be an encyclopedia of Arkansas' industrial and business possibilities, and should, by furnishing accurate facts, do much to encourage the location of new industries in the State.

BULLETIN TO BE

SELF-SUSTAINING

(Continued from Page One.)

agricultural or industrial way, will be given the use of the Bulletin's columns.

Various sections of the State have heretofore had only various out-of-the-state publications. Western Arkansas has Oklahoma publications; Northern Arkansas has been privileged to read only Missouri farm journals; South Arkansas has been reading about the Louisiana and the Texas farm programs; and Eastern Arkansas has learned much about the farm plans of Tennessee and Mississippi. None of them have been privileged to learn about Arkansas farm programs through an Arkansas publication. This situation has been the bane of existence for agricultural leaders in Arkansas and it is a condition which the Bulletin, properly supported, will correct.

Only a minimum charge will be made for ads in the farmers' exchange and want ad columns. To Arkansas citizens the rate for advertising in these columns will be 50c per ad. The Bulletin will continue to render expert service in properly re-writing ads without any additional charge therefore.

Many enthusiastic letters endorsing this plan have been received, and many of the State's foremost business men, farmers and educators have given the plan warm personal approval.

The September issue will be the first published under the new arrangement.

13,588,000 BALES IS NEW FORECAST

Government Report Indicates 5.5 Per Cent Drop Since June 25.

This year's cotton crop, which early gave indication of being one of the largest ever grown, declined during the three weeks ending July 16 to the extent of 751,000 bales. In its second forecast of the season the Department of Agriculture announced the indicated crop to be 13,588,000 equivalent 500-pound bales.

The forecast was based on the condition of the crop on July 16, which was 70.4 per cent of normal, indicating an acre yield of 140 pounds. The June 25 condition this year was 75.9 indicating an acre yield of 147.7 pounds, while last year's July 16 condition was 68.5 and the final acre yield 157.4 pounds.

The condition of the crop on July 16, and the indicated yield per acre by states follows: Virginia: Condition 76 per cent and indicated acre yield 241 pounds; North Carolina, 77 and 236; South Carolina, 71 and 152; Georgia, 74 and 126; Florida, 82 and 98; Missouri, 80 and 254; Tennessee, 79 and 178; Alabama, 78 and 140; Mississippi, 83 and 179; Louisiana, 76 and 137; Texas, 56 and 101; Oklahoma, 76 and 150; Arkansas, 85 and 190; New Mexico, 82 and 213; Arizona, 94 and 263; California, 92 and 265; all other states, 79 and 164.

The area in cultivation June 25 was 46,448,000 acres.

CURRENT CROP NOTES

Issued by Crop Estimates Bureau,
Department of Mines, Manufactures
and Agriculture.

WEATHER.

These notes cover the period July 1-22. The first days of the month were quite dry, but beginning about the 11th and 12th, the number of local showers increased, especially through the central and western part of the state, and on the 18th and 19th a general rain fell over about one-half of the state, in general covering the part of the state west of a line drawn through Crossett and Clarendon but not extending through the extreme northern and northwestern counties. Since then good rains have been reported in Mississippi and adjoining counties and in the northern counties so that with the exception of extreme southeast Arkansas, the state was pretty well covered by rainfall in the last four days. In a general way, crops in the western third of the state are good, though in some of the hill lands corn is fired and will not make much.

CORN.

Much of the corn is very spotted, even within some counties. In Saline county, for instance, west of Benton, young corn is exceedingly promising, but east and north of Benton it is badly burned. Probably corn, all told, is cut one-fourth to one-third for the state as a whole. There is time yet for much of the late corn to make good, and there is a good deal of late corn planted.

RICE.

Rice is good where well watered. Fear has been felt for a shortage of water in some of the well irrigated sections, but the

REPORT ON WORLD COTTON CROP

Production by Countries.

Harvest year beginning about August 1.

COUNTRY	Average 1909-13 Bales	1922 Bales	1923 Bales	1924 Bales
United States	13,033,235	9,762,069	10,139,671	13,619,000
India	3,585,000	4,247,000	4,332,000	5,069,000
China	3,473,000	2,318,000	1,992,900	2,179,000
Egypt	1,453,000	1,391,000	1,353,000	1,540,000
Brazil	418,400	552,991	575,930	605,000
Russia, Asiatic	953,000	55,000	189,000	458,000
Mexico	193,000	178,200	175,000	281,000
Peru	110,000	200,411	212,157	180,700
Uganda	20,338	77,680	94,140	167,000
Chosen (Korea)	17,387	103,347	111,004	119,600
Anglo-Egyptian Sudan	12,552	23,500	40,600	48,100
Mozambique	766	2,200	10,000	20,000
Tanganyika	7,971	6,000	9,400	15,000
Paraguay	120	5,844	16,100	13,000
Australia	91	7,500	8,790	12,500
Greece	12,614	9,870	13,250	11,100
Total above countries.....	23,290,474	18,940,612	19,272,942	24,337,000
Other countries	390,000	230,000	320,000	363,000
Estimated approximate world total.....	23,680,000	19,170,000	19,590,000	24,700,000

rain for the past two or three days is bound to have helped the condition. Evaporation has been rapid, and pumping has been constantly necessary in much of the district.

HAY CROPS.

The rains which have just fallen are bound to benefit hay crops immensely, especially late sown ones. Whether it will revive some fields of lespedeza which have been injured by drouth is problematical. Probably many of them are hurt beyond recovery. However, sorghum for hay will be greatly benefited as well as soy beans, which have stood the dry weather exceptionally well.

SWEET POTATOES.

Sweet potatoes, being a crop that withstood the drouth, had made fair progress, but, of course, were in great need of rain in many sections. It is too early to make a forecast of probable sweet potato production, but it is thought it will exceed last year somewhat.

IRISH POTATOES.

Ground will be prepared in some sections for the planting of fall Irish potatoes which are usually planted the first ten days in August.

FRUITS.

Apples—Expectations for the apple crop are very good. Estimates on the crop run from 80 per cent of last year, or 2,900 carloads, to 15 per cent more than last year, or over 4,000 carloads. The fruit promises to be of good size and free from fungus diseases, though somewhat injured by hail and by worms in part of the heavy producing sections.

Peaches—The movement of Elbertas is practically at the peak in the Highland, Nashville and Sevier county districts, and has begun at other points north, including the Arkansas valley points. It is said Clarksville shipped twenty carloads on the 21st. The movement is expected to about equal that of last year, when it ran over 2,800 cars. The size and quality is generally better than last year, though trees are not as heavily loaded. The fruit is bringing, in St. Louis markets, \$2.50 to \$2.75 per bushel basket.

Grapes—The Frisco railroad published an estimate of the grape carlot movement

this year from their lines in Missouri and Arkansas showing an expectation of 628 carloads. The amount from Arkansas is 529 cars, while cars from other railroad points will amount to about 50 more, or a total of approximately 580 carloads. Including the amount to be made into manufactured products and moved by express, the movement is expected to exceed 620 carloads. The movement of Moore's Early is already on, though it is slow. The main movement of Concord will begin from northwest Arkansas about August 5 to 10. The berries promise to be large, but the clusters are not heavy.

Cantaloupes—Cantaloupes are moving at the rate of from 30 to 70 carloads per day. They are selling, in the St. Louis market, at from \$2 to \$2.50 for standards, though some over-ripe stuff is going at \$1.50, or less. Over 500 carloads have been shipped to date. It is possible that the rains will revive the later crop, though a week ago it seemed only the crowns would be marketable.

Watermelons—Watermelons are moving at the rate of 10 or 12 carloads per day, mostly Tom Watson's, and are bringing, in the St. Louis markets, from \$1.15 to \$1.50 per hundred weight.

Tomatoes—The pink and green wrapped tomato deal in southern Arkansas is practically completed. Most of the rest of the crop, including the heavier acreage in northwest Arkansas, is for canning purposes. Acreage is not as large as had been anticipated, but will probably run in the neighborhood of 12,000 to 13,000.

COTTON.

Nothing has been said in this letter about cotton owing to the stringent regulations concerning the giving out of advance information concerning cotton and other speculative crops. It is impossible to give much of a discussion of cotton. This much can be said, however, that the crop is much cleaner than average, and the fruiting, especially of older cotton in the bottom lands, is especially heavy. In the hill lands, except in sections which were exceptionally favored by rainfall, the plant is not large, though generally well fruited for its size.

Boll weevil has thus far presented no problem, but it may if a long, warm, wet season follows the previous dry season. Most of the cotton will be laid by this week, according to reports from all over the state.

FARMERS' EXCHANGE

HELP WANTED.

WANTED—Woman to do house work for family of two. No objection to one or two small children. Stephen Bates, Box 64, Big Fork, Ark.

WANTED — Middle-aged woman, without incumbrance, stenographer for small office, willing to assist with housework, room and board. Salary \$8 per week to start. Write full particulars to J. N. Holton, Knobel, Ark.

NURSERY STOCK AND PLANTS FOR SALE.

WHITE NARCISSUS FOR SALE—Also yellow jonquills; several varieties of Iris; Tiger lillies; Tawny lillies and Yucca plants. Single varieties or assorted, per dozen, postpaid, 40c. Mrs. L. R. Gibson, Batavia, Ark.

SEEDS WANTED AND FOR SALE.

PEACH SEEDS WANTED—1925 crop only. The smaller the seeds the more we pay. Write us for prices. T. L. Jacobs, Rogers, Ark.

CHOICE FULCRUM SEED OATS FOR SALE—Purity guaranteed. Average yield 71½ bu. per acre this year. \$1 per bushel, f. o. b. Dermott. W. A. Daniels, Dermott, Ark.

DOGS.

TWO HOUNDS—Female, six years old, male three; trained for squirrel and opossum and general hunting. Price \$15 each, f. o. b. Rison. W. C. Greenlus, Rison, Ark.

2½-YEAR-OLD POINTERS—Deep liver color; well trained. \$25. J. E. Anders, Appleton, Ark.

PAIR OF COON AND O'POSSUM HOUNDS—Also pair of puppies. For breeding and prices, write T. L. Bean, R. 3, Clarksville, Ark.

WANT TO BUY—Two red bone or black and tan tree hounds trained for coon, opossum and squirrels. W. F. Daniel, Lonsdale, Ark.

POULTRY AND EGGS FOR SALE.

S. C. WHITE ENGLISH LEGHORNS—Pullets and cockerels. Also barred Plymouth Rock pullets and cockerels, 75 cents each. Hens and cocks, \$1. Mrs. D. C. Davis, Pangburn, Ark.

PURE ENGLISH S. C. WHITE LEGHORNS—1 and 2 year old hens, also pullets; 8 and 12 week old cockerels; 2-year-old cocks. Will exchange some for good typewriter. For prices, address Mrs. A. K. Dodgen, Oak Grove, Ark.

WANTED TO EXCHANGE BLACK MINORCA PULLETS—Ranging from quail size to 1½ pounds, for pure bred Plymouth Rock or Rhode Island Reds. B. J. Fields, Grubbs, Ark.

S. C. D. B. LEGHORN COCKERELS—April hatch, from ever-layin strain parent birds, 75c and \$1 each. F. J. Rudesill, R. 1, Bradford, Ark.

S. C. B. LEGHORN PULLETS—March hatch. One dozen for 75c each. Also one hundred S. C. English Leghorns at \$1.50 each. B. E. Patton, Harrison, Ark.

WANTED TO BUY—Two pea fowl hens; prefer two-year-olds. Quote price crated, and whether pure bred and registered. Mrs. Ed L. Gaddis, War Eagle, Star Route, Rogers, Ark.

EIGHT BUFF ORPINGTON DUCKS—For quick sale cheap. William R. Schliesser, R. 1, Box 9, Alexander, Ark.

SINGLE COMB WHITE MINORCA COCKERELS—\$1.50 to \$2.50 each. An-

gust baby chicks, 10c each. L. A. Clayton, Pryor, Okla.

S. C. ANCONA COCKERELS—From official record matings with dams having 258-egg record, \$2.50 and \$5 each for August delivery. L. A. Walter, Sulphur Springs, Ark.

S. C. WHITE LEGHORN COCKERELS—Kerlin's Super A, 300-egg strain, 16 weeks old. Hatched by Kerlin; \$2 each. J. Scott, Hagler, Ark.

PAIR SILVER PENCILED WYANDOTTES—Pure bred from registered stock. April hatch, \$2.50. Mrs. J. E. Vogel, Ione, Ark.

S. C. D. B.—Leghorn cockerels and pullets; cockerels, \$1; pullets, 75c. Also have few Silver Spangled Hamburg cockerels at \$1. W. F. Sudmeyer, R. F. D. 1, London, Ark.

ANCONA HENS—To make room for pullets, am offering my entire flock, one and two years old, at \$2 each. Also some February and March cockerels. Eggs from snow white guineas, \$1.50 for twenty, postpaid. Mrs. Avery W. Allen, Macon, Mo.

PURE BRED ANCONA COCKERELS—March hatch, for sale or exchange. Mrs. Sam L. Trice, Collins, Ark.

S. C. RHODE ISLAND RED COCKERELS—Owen farm strain, \$2.50; eggs, \$1.50 per setting. W. F. Daniels, Lonsdale, Ark.

LIVE STOCK.

TOGGENBURG MILCH GOATS—And Shetland ponies. For prices, write J. F. Barbee, Monticello, Ark.

13 HEAD JERSEY HEIFERS—Registered, one month to four years old. Two registered Jersey herd bulls, eighteen months and two years old. Fully guaranteed and priced to sell quick. C. F. Yeager, Siloam Springs, Ark.

PURE BRED JERSEY BULL CALF—With certificate of breeding for registration, \$20 f. o. b. Marshall. W. F. Reeves, Marshall, Ark.

ELEVEN-YEAR-OLD JACK—Black with white points. Registered American Breeders' Association. Big size, good bone, good breeder. Will trade for anything of value. Cattle, goats or Ford preferred. J. B. Holmes, R. 1, Heber Springs, Ark.

WANTED TO BUY—One or two white faced yearling bull calves. Murrell Johnson, Sonora, Ark.

BUCK GOAT—Good grade yearling for sale cheap. Murrell Johnson, Sonora, Ark.

O. I. C. BOAR WANTED—Prefer one three to four months old. State whether grade or registered and papers furnished. Walter R. Rastall, Chester, Ark.

JERSEY BULL CALVES—Three months old. Sired by a Noble of Oakland Bull. Out of heavy milking dams, \$17.50 each. Also ten-month-old Jersey bulls, ready for service, at \$27.50 each. Above stock registered and crated f. o. b. Marmaduke. Marvin A. Corbett, R. 2, Marmaduke, Ark.

REGISTERED SHROPSHIRE RAM WANTED—Also a few ewes. Prefer year-olds or older. Marvin A. Corbett, R. 2, Marmaduke, Ark.

JERSEY BULL CALF—Five months old, out of registered sire and dam, producing 59 pounds butter fat on 30-day test. One registered bull calf, six weeks old, from dam high in butter fat. Make me an offer. W. W. Cox, Gentry, Ark.

FOUR HOLSTEIN BULL CALVES—From one to nine months old, out of registry cows. Also one five-month-old Jersey bull calf, full brother to heifer that made 396 pounds butter fat at two years of age. Dept. of Animal Husbandry and Dairying, University of Arkansas, Fayetteville, Ark.

MISCELLANEOUS FOR SALE AND EXCHANGE.

WANTED TO RENT—Good farm; have family enough to cultivate 75 acres. Want good corn and cotton land and pay grain rent. W. A. Morris, Hasty, Ark.

FOR SALE—Small saw and planing mill outfit complete. One million feet timber, mile from railroad. Cash or terms or will trade for city property. R. C. Huey, R. 1, Hot Springs, Ark.

TOBACCO DUST—Three cents per pound, stems by bales of 100 pounds, \$1.50 per bale. Special price for lots of five or more. Amos Hoffman, 530 St. Joseph St., New Orleans, La.

MONEY IN FURS—For sale four pet coons; two pair about five months old. \$25 each, or \$50 per pair. F. L. Beard, Holly Springs, Ark.

CIDER MILL FOR SALE—One-tub mill, good as new. Will sell at bargain. T. C. McKenney, Vick, Ark.

50-EGG BABY GRAND INCUBATOR—Price \$3.50. Also one good, grade Angora buck goat, four years old, price \$10. Also one Lake Side goat and sheep clipping machine, price \$12.50. Two white Indian Runner ducks, price \$4. Geo. H. Woffenden, Box 72, Chester, Ark.

FARMS FOR SALE

80-ACRE IMPROVED FARM—Improvements, family orchard, plenty of good water and near good school. Will include tools and implements if wanted. Ten miles northeast of Glenwood, twenty-five miles west of Hot Springs. Dave Wacaster, R. 2, Box 12, Bonnerdale, Ark.

50-ACRE DAIRY FARM—Splendid improvements, family orchard and vineyard. Near good school and church and only three miles from Eureka Springs. Raymond Hilton, R. 2, Box 12, Eureka Springs, Ark.

120-ACRE FARM—One-half in cultivation, one-half in timber. Near good school and church. Want to sell because of old age. Close to Marmaduke on Greene and Clay county line. \$3,000; one-half cash, balance terms. J. E. Jones, Rector, Ark.

103-ACRE FARM—Two miles east of Ola on state highway. Splendid improvements and near good church, school and trading center. Price \$2,500, or \$3,500. Walk-out proposition. Homer Lowe, R. 3, Ola, Ark.

100 ACRES—In Marion county; good improvements. Will sell for \$1,200. Will take car or wagon and team, and balance on easy terms. C. H. Beavers, Box 42, Buffalo, Ark.

40-ACRE MINING LOCATION—I own 40 acres on which there is showing of zinc ore. Will sell mining rights at bargain. C. H. Beavers, Buffalo, Ark.

80-ACRE HILL FARM—Good buildings and all fenced. J. A. Dront, R. 5, Vilonia, Ark.

490 ACRES—Mississippi county, near surfaced highway, railroad and good town. \$100 per acre; liberal terms. M. L. Williford, Jonesboro, Ark.

80-ACRE FARM—One-half mile from Ulm. Ideal for dairy and poultry. Will sell half or all at \$45 per acre. Also 480 acres near railway, town and school. Two sets of buildings; one irrigation well for rice. Will sell in 160-acre tracts. Mrs. Lydia Payne, Ulm, Ark.

93-ACRE INDEPENDENCE COUNTY FARM—Splendid improvements; well adapted to fruit and stock and located on daily mail route. Price \$650. G. A. Parks, Jamestown, Ark.

80-ACRE PERRY COUNTY FARM—Good improvements; fenced and some good pine timber; also 60 acres near, with timber range. Price \$1,500 or will trade

120-EGG INCUBATOR—Will sell or trade. What have you? C. C. Finter, Elm Springs, Ark.

FOR SALE OR TRADE—One 18 h. p. portable boiler, 18 h. p. center crank engine and shingle outfit. Bargain price, or will exchange for Ford car or truck. F. L. Willard, Onelina, Ark.

USED IRON ROOFING WANTED—State amount, kind, how long in use and cash price. J. N. Holton, Knobles, Ark.

PURE CLOVER HONEY FOR SALE—Fifteen cents per pound f. o. b. Knobles. Mrs. J. N. Holton, Knobles, Ark.

220-EGG QUEEN INCUBATOR—Good as new. \$22.50. S. R. Whisenhunt, R. 3, Mena, Ark.

AUTO KNITTER FOR SALE—Nearly new, Triplex style. Will sell for \$40. Contract and yarn goes with it. Raymond Wetherbee, R. 1, Box 5, Charleston, Ark.

FLY PREVENTION—Write me for information about how to keep flies away from stock. M. F. Laffoon, Bellefonte, Ark.

EDISON PHONOGRAPH FOR SALE—With nine cylinder records, \$25. Also white guineas. Walter Breazzeal, R. 1, Charleston, Ark.

for land near Buffalo or White river. G. L. Willard, Thornberg, Ark.

120-ACRE STONE COUNTY FARM—80 acres good farm land; improvements and family orchard; post-office on place. Will sell crop, stock and implements with farm, or farm separately. J. O. Service, Kohoka, Ark.

THREE AND ONE-HALF ACRES—On Pershing highway in Cabot; six-room house, garage and barn. \$2,500; \$1,500 cash, balance terms. W. H. Hagan, Cabot, Ark.

65-ACRE FARM—On Pershing highway, one mile from Cabot, 23 miles from Little Rock. Improvements, orchard and berries. N. M. Shive, 2924 E. 3rd St., North Little Rock, Ark.

640-ACRE STOCK RANCH—In Western state, will exchange all or part for good home in Arkansas. Also have one-year lease with crop, machinery and some stock on farm in Washington county for sale. E. A. Bates, Box 3, Brentwood, Ark.

107-ACRE FARM—Fenced and good improvements; orchard and berries; near shipping point, schools and churches. Price \$3,000. Baxter Hall, Rea Valley, Ark.

100-ACRE IZARD COUNTY FARM—Well improved, fenced and near post-office, school, church and good highway. Price \$1,500. E. A. Britts, Newberg, Ark.

1,440-ACRE STOCK FARM—Well located. Will reserve merchantable timber and one-half gas, oil and mineral rights. Price \$15 per acre, cash. Also 40 acres, three miles from Edgemont, Ark. Price \$200. T. F. Johnson, Brewer, Ark.

80-ACRE TRACT—Cut-over land; one-eighth mile from Little Rock-Hot Springs pike. Rich soil and fine for stock or dairy farm. Price \$15 per acre. Van Hendricks, Box 72, Benton, Ark.

160 ACRES—Good improvements and family orchard. Well located near two towns. Price \$4,000; half cash, balance terms. Will trade. Guy Bennie, Walnut, Ark.

123-ACRE STONE COUNTY FARM—Good improvements, 45 acres fenced and five acres in grapes. Price \$1,050. Otto Clark, Shirley, Ark.

160 ACRES COLORADO LAND—Some improvements and well located; no indebtedness. Valued at \$30 per acre. Will trade for land near railroad in north-

west Arkansas. Charles L. King, R. 1, Summers, Ark.

40-ACRE JEFFERSON COUNTY FARM—In good church settlement; suitable for fruits, vegetables and poultry. \$75 per acre; liberal terms. Tracy Mills, Box 387, Pine Bluff, Ark.

594-ACRE STONE COUNTY FARM—200 acres in cultivation, balance in timber; good improvements and unusually well located. Has store house, blacksmith shop, sawmill and gin. Walk-out proposition at a bargain. J. C. Avery, Newnata, Ark.

339 ACRES—Hill land; for sale cheap. Frank Nisbett, Brookland, Ark.

160-ACRE FARM—80 acres in cultivation and 80 in alfalfa. Will trade or sell, \$3,000. H. Brandenburg, Twin Creek, Ark.

21 ACRES IN MARSHALL—Well improved. Will sell or trade for residence property in northwest Arkansas town. M. L. Crow, Box 86, Marshall, Ark.

40-ACRE FARM—At Wrightsville. W. R. Schlissler, R. 1, Box 9, Alexander, Ark.

90-ACRE UPLAND FARM—Crawford county, near Dean Springs; close to school and church, on rural route; good improvements and fenced. Will sell or trade for small place near Van Buren. J. E. Adams, K. C. S. Freight Office, Fort Smith, Ark.

21 ACRES IN MARSHALL—Well improved. Will sell or trade for residence property in northwest Arkansas town. M. L. Crow, Box 86, Marshall, Ark.

200 ACRES—Well improved; store house, stock of goods and gin. Will sell for \$2,500, or trade. Part cash and balance on such terms that gin income will pay it out. A. B. Carden, Elizabeth, Ark.

323-ACRE FARM—Four sets of improvements. Home place cost \$6,000 to build; has light and water system and other modern improvements. Near schools, churches and trading center. Bargain, and will sell on terms. Quitting farming on account of health. S. P. Crafton, Vilonia, Ark.

120-ACRE IMPROVED FARM—Near railroad town. Will sell or trade for smaller place. Mrs. E. Henderson, Pettigrew, Ark.

69-ACRE FARM—30 acres in cultivation and 15 more can be cultivated. Well improved and on good road near Raven- den Springs. Price \$1,200; half cash, balance terms. James J. Smith, R. 2, Raven- den Springs, Ark.

131-ACRE FARM—55 acres cleared. Woven wire fence; two sets of improve- ments; three miles from Mt. Holly, Ark. Bargain. O. L. Hollensworth, Village, Ark.

20-ACRE OZARK FARM—Well im- proved, and has orchard and vineyard; on rural route, near Springdale. C. C. Finter, Elm Springs, Ark.

ONE 38½-ACRE TRACT—Five 5- acre tracts and one 8-acre tract; one-half mile south of Dermott; all in cultivation, suitable for poultry, dairy and stock. B. B. Chiles, Box 31, Dermott, Ark.

69-ACRE BOTTOM FARM—Well improved and on good highway. J. A. Right, Lowell, Ark.

160-ACRE HIGHLAND FARM—Plenty of timber and good log house; also other improvements and good orchard. Suitable for stock farm; 130 acres fenced; near town. Will sell or trade for smaller farm. W. B. F. Little, Union Hill, Ark.

160-ACRE STONE COUNTY UP- LAND FARM—15 acres clear, 45 acres fenced, 70 more ready to clear; good im- provements. Will sell or trade. J. W. McKinzie, R. 1, Lydalisk, Ark.

400-ACRE LONOKE COUNTY FARM—Four miles from Humphrey, Ark.; 10 houses and five barns; good wire fence. \$1,000 cash, balance terms. Also have two tracts of hardwood timber in Ashley county

for sale cheap. G. W. Reavley, Box 174, Dumas, Ark.

CLARK COUNTY FARM—Near Arkadelphia, on good road. Cash or terms. Also lot in town of Gurdon. I have owned these properties since about 1876. Will sell cheap. Samuel D. Fulton, Box 130, Arkadelphia, Ark.

40-ACRE POULTRY FARM—Near Calico Rock; orchard and on good high- way; good improvements. Terms or cash. W. R. Heasley, Calico Rock, Ark.

157-ACRE FARM—Near Caddo Gap; improved and fenced. Priced right; terms or cash. Geo. T. Graves, Norman, Ark.

130-ACRE FARM—80 acres under fence and 50 in cultivation; two sets of improvements. Priced right. M. C. How- ell, Brentwood, Ark.

20-ACRE FARM—Four miles west of Gravette; young orchard and vineyard; also strawberries; near school and church. Price \$800. Logan Shoop, Gravette, Ark.

160-ACRE BAXTER COUNTY FARM—Near White river; all under fence. Don Jordon, Amos, Ark.

175-ACRE HIGHLAND FARM—20 acres in cultivation; 100 more can be cul- tivated; fenced and improved. Family or- chard; near school, postoffice, store and church. M. N. Bright, Herpel, Ark.

IMPROVED FARMS—Good land, house and barns. Also my home at Point Cedar. Will sell or trade. Reason for sell- ing, old age. Allen Hunt, Point Cedar, Ark.

TOWN PROPERTY FOR SALE.

10-ROOM HOUSE—Suitable for hotel; in German-Lutheran community. Price \$2,000. Mrs. Lydia Payen, Ulm, Ark.

TWO BLOCKS IN NEWBERG—Bungalow, barn, other outbuildings; large garden; school and church; spring water. Will sell or trade. What have you? E. A. Bretts, Newberg, Ark.

FORT SMITH PROPERTY FOR SALE—Four-room frame house with closed sleeping porch; modern; story and half ga- rage; two and one-half lots; fruit, grapes and berries; corner location. \$4,000, \$1,000 cash. Arthur Chidester, 3020 Kelley High- way, Fort Smith, Ark.

TWO CORNER LOTS IN BEEBE—Two blocks from business section; six- room house, large garden and barn. Also two 50x150 fenced lots. Also 40 acres land 2¼ miles from town on good road. All for \$4,500. Will consider late model Dodge car part payment. Mrs. L. D. Miller, Box 2, Beebe, Ark.

8 ACRES TOWN PROPERTY—Two houses, fruit, springs and shoe and harness repair shop. J. W. Burgess, Box 102, Calico Rock, Ark.

2½ ACRES TOWN PROPERTY—Small orchard and vineyard, good house, barn and fenced. Will sell or trade. W. C. Goldman, Evansville, Ark.

WELL BUILT FEED STORE—In town of 500; also six-room residence. All for \$1,600. W. F. Hurley, Carthage, Ark.

FOUR-ROOM HOUSE—In Calico Rock, a bargain for cash, or will trade. W. R. Heasley, Calico Rock, Ark.

TWO ACRES IN RECTOR—Nine- room house and other buildings; lots of fruit. Price \$2,000, or will trade on good farm. James S. Ryan, Rector, Ark.

TWO-STORY PRESSED BRICK—50x100 feet, on corner lot. Also 25x50 feet; one-story brick and 50-foot vacant lot, all adjoining; contains stores and hotel. Located in Porum, Okla. Will sell or trade for north Arkansas farm. Geo. War- mack, Fort Smith, Ark.

COTTAGE FOR RENT—At College- ville; cow pasture in connection. W. R. Schliesser, R. 1, Box 9, Alexander, Ark.

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ARK

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11. NO. 8.

LITTLE ROCK, ARKANSAS

SEPTEMBER, 1925

MINERAL TEXT-BOOK FOR SCHOOLS ISSUED

**Commissioner Wilkes Will
Familiarize Children
With Minerals.**

COMMISSIONER Wilkes has had compiled and published a text-book dealing with Arkansas minerals. The book is written in simple language so that any sixth grade student will be able to understand it. Mr. Wilkes stated that his experience as a school teacher and as a county superintendent of schools awakened him to the deplorable lack of information among the school children of the State about Arkansas' wonderful resources, and caused him then to resolve that he would, if ever in position, do something to disseminate accurate information among the boys and girls of Arkansas about the mineral deposits of the State.

The new publication is entitled "Arkansas Minerals," and one page is devoted to each mineral, without regard to its importance. Following the text is a list of questions so phrased that when one is able to answer them one will have a very good fund of general information about Arkansas minerals.

It is the Commissioner's purpose to distribute these books to all public schools in the State that request them. A letter has recently been mailed to each of the County School Superintendents advising them of the nature of the text and offering to supply as many as are needed. There will be no charge made, each school being required to pay only the transportation charges.

Quite a bit has been said in the press about this new publication and the idea that it is for general distribution has become somewhat prevalent. The Commissioner states that it will not be generally distributed until the schools have been supplied.

The Department has in course of preparation another publication about Arkansas' mineral resources, for general distribution. This publication will be of a more technical nature and will have a commercial value.

Arkansas State Fair October 12-17 to be Biggest and Best Ever Staged

**State's Premier Annual Event, on Permanent Grounds,
Getting State-wide Support and Will Have
Record Attendance.**

\$100,000 IMPROVEMENTS—\$30,000 PREMIUMS.

THE Fifth Annual Arkansas State Fair will be held October 12-17 on the Fair Association's grounds west of the State Hospital for Nervous Diseases, in Little Rock. This will be the second year the Fair has been held on this location. Visitors will find great improvements on the grounds and equipment as compared with last year.

To Be Third Bigger.

The Fair will be held on a tract of land embracing 215 acres. It represents a total investment of more than one million dollars, made possible by the liberal contributions of the people of Little Rock and other sections of the State and the co-operation of the city administration. The 1925 Fair will be fully one-third larger than that of 1924, according to Mr. E. G. Bylander, secretary-manager of the Fair Association.

Many Features Added.

By the time the Fair opens in October, there will have been expended this year \$100,000 or more in the installment of new recreation features. These include a modern, up-to-date Roller Coaster, an Old Mill, a Kiddie Kar Ride, a Merry-Go-Round, and screened refreshment pavilions. In addition to these, the Fair Association boasts many permanent buildings for the annual exhibits of agricultural and industrial products. The amusement features are being conducted during the summer months, thereby making of the fair site an amusement park known locally as "Fairyland." It is liberally patronized by the people and it

is proposed to add continually to the attractions that it may be made the most popular summer park in the state. Additions are also being made to the zoo from time to time.

Big Premium List.

The premium list issued this year contains 180 pages, giving full, detailed information about all free attractions, rules, regulations and fees in all exhibition departments and reveals premiums to be awarded in the handsome total sum of \$30,000. The premium list is most impressive when it is remembered that the Arkansas State Fair is not aided by state appropriations. In many states the legislatures make large annual appropriations for the assistance of their various district and state fairs.

Local Fairs Assist.

Since having acquired the permanent Fair grounds, and having erected permanent buildings, a spirit of co-operation has been noted throughout the State and there is now no doubt that this co-operation, combined with the efficiency and unselfishness of Mr. E. G. Bylander, the secretary-manager, and other Fair officials, in a very short time, will make the Arkansas State Fair nationally regarded as one of the greatest annual agricultural and industrial expositions in the United States.

It is possible to place on exhibit at the State Fair such products as are shown at the various county and community fairs held prior to the date of the State Fair. It is interesting to note that practically all local fairs

(Continued on Page Two.)

SPRINGDALE GRAPE FESTIVAL BIG SUCCESS

**Marks Entrance of Grapes
Into Half Million Dollar
Class.**

BACK in the good old days when it became apparent that prohibition was to become a national law, there was much sympathy expressed for the grape industry. Prohibition, it was said, would make grape growers subjects of public charity, etc. Since then the business of growing grapes has been steadily increasing in importance, and especially is this true in Arkansas.

Until 1924, the income from grapes in Arkansas was not a figure to engender any particular respect, but last year there was produced on about 2,460 acres of Arkansas soil, about 2,500 tons of grapes worth to the growers approximately \$172,200. In 1922 Arkansas shipped 38 cars of grapes, and 33 cars were shipped in 1923. Last year 239 cars were shipped.

This year it seems certain that Arkansas will have nearly 5,000 acres in grapes and that, with an increase in the per acre yield, the crop will be three times as big as it was last year. That means more than a half million dollars will come into Arkansas from her grape crop alone.

Northwest Arkansas grape growers, in celebration of the success of their efforts, staged an interesting

(Continued on Page Two.)

ABOUT LETTERS.

Nothing is more exasperating than receipt of an interesting letter which the writer has failed to sign. We have received letters recently asking for important information, and which should have, by all means, been answered, but which had to go unanswered because they were unsigned.

When writing the Department, be sure to sign your letter.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE

W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

The Bulletin will be sent to any citizen of Arkansas
upon request without charge.

Classified Ads

Will be inserted for any Arkansas citizen for
50c per ad, rewritten to conform to space and
style standards.

Display Advertising

Rates will be made known upon request.
All communications about subscriptions, advertising,
copy and other matters pertaining to the Bulletin
should be addressed to Arkansas Farm and
Marketing Bulletin, P. O. Box 1111, Little
Rock, Arkansas.



DEPARTMENT ISSUES PLEA FOR PICTURES

In the preparation of various publica-
tions the Department of Mines, Manu-
factures and Agriculture needs good pictures.
It is practically impossible to know just
where to go to secure the best and most
representative views depicting Arkansas'
agricultural, natural and industrial re-
sources and her scenic and recreational
spots.

Readers of the Bulletin can be of real
service to the department in its effort to
let the world know what the "Wonder
State" looks like and produces if they will
send to W. N. Wilkes, Commissioner of
Mines, Manufactures and Agriculture,
Little Rock, Arkansas, representative pic-
tures of the following: Goats, sheep, cat-
tle, horses, mules, poultry, hogs, corn, sor-
ghum, ribbon cane, wheat, oats, rice, sweet
potatoes, Irish potatoes, hay cowpeas, soy
beans, cotton, rye, peanuts, apples, peaches,
pears, grapes, cherries, strawberries, black-
berries, cantaloupes, watermelons, toma-
toes, cucumbers, radishes, beans, home gar-
dens, public buildings or other pictures
which might be the subject of an inter-
esting story.

The department is not in position to
pay for these pictures but those who send
them in will be rendering a real service to
the state and will earn the sincere grati-
tude of the commissioner.

HUGE CROWDS VISIT FARMERS' WEEK

More than 2,500 visitors registered at
Farmers' Week at the College of Agricul-
ture at Fayetteville last month.

Many nationally known men appeared on
the program, and the good accomplished
will be reflected in the advancement and
prosperity of Arkansas during many gen-
erations to come.

Farmers' Week is an annual event at the
College of Agriculture and while it is the
most spectacular event it is only one of
the hundreds of ways in which our agricul-
tural school is serving Arkansas agriculture.
The College of Agriculture is one state in-
stitution which is worth every cent of
state funds appropriated to it.

EXPORTS AND IMPORTS SHOW BIG INCREASES

United States foreign trade during the
fiscal year just closed was extremely active,
according to the Department of Commerce.
Both imports and exports showed a large
increase over the preceding year. Exports
exceeded those of any fiscal year since
1920-21 when prices averaged much higher.
The value of exports was \$4,865,000,000,

an increase of \$553,000,000, or 12.8 per
cent over that for the year ending June
30, 1924. The value of imports was \$3,-
824,000,000, an increase of \$270,000,000, or
7.6 per cent. Exports have shown a steady
increase during each of the past four fiscal
years. Imports, which fell off greatly dur-
ing the depression of the fiscal year 1921-
22, rose during the next year, fell slightly
during 1923-24, and reached in the latest
fiscal year a figure exceeding even that
of two years before. It is probable that
after making allowance for the great dif-
ference in prices as compared with the im-
mediate postwar years, the imports of 1924-
25 represented the highest quantitative
volume ever attained.

Arkansas State Fair Octo- ber 12-17 to Be Biggest and Best Ever Staged

(Continued from Page One.)

have arranged their dates this year
with that idea in mind.

Fair Dates Listed.

The Department of Mines, Manu-
factures and Agriculture has been
endeavoring to compile a list of all
Fair dates this year. Up to this
time a fairly complete partial list
has been completed. It is probable
that about fifty local fairs will be
held in Arkansas this year, and the
following is a partial list of dates:

Ashley County Fair, Hamburg,
Guy Nolley, Sec., Sept. 23-25; Avant
Community Fair, Avant, G. Braugh-
ton, Sec., Sept. 10-11; Bryant Com-
munity Fair, Bryant, Harold Hill,
Sec., Oct. 2-3; Boone County Fair,
Harrison, Oct. 1-3; Bradley County
Fair, Warren, W. L. Shide, Sec., Oct.
6-8; Carroll County Fair, Berryville,
E. J. Sellick, Sec., Oct. 1-3; Clark
County Fair, Arkadelphia, E. M.
Hall, Sec., Oct. 2-3; Fulton County
Fair, Salem, J. T. Livingston, Sec.,
Sept. 8-11; Garland County Fair,
Hot Springs, Garnet Broughton, Sec.,
Sept. 30-Oct. 2; Grant County Fair,
Sheridan, W. B. Vinzant, Sec., Sept.
24-25; Harvest Festival, DeWitt, J.
M. Henderson, Sec., Oct. 1-3; Hemp-
stead County Fair, Hope, Albert E.
Connerly, Sec., Sept. 29-Oct. 2; Hot
Spring County Fair, Malvern, C. P.
Bridewell, Sec., Sept. 30-Oct. 2; In-
dependence County Fair, Batesville,
J. Rich, Sec., Oct. 5-10; Izard Coun-
ty Fair, Calico Rock, W. J. Copp,
Sec., Oct. 20-25; Johnson County
Fair, Clarksville, W. J. Morrow,
Sec., Oct. 6-10; Lee County Fair,
Marianna, Miss Jeanette Blount, Sec.,
Oct. 22-24; Lincoln County Fair,
Star City, C. E. Fish, Sec., Sept. 30;
Little River County Fair, Ashdown,
Oct. 1-2; Logan County Fair, Maga-
zine, Claude H. Kyle, Sec., Oct. 5-9;
Monroe County Fair, Clarendon, W.
M. Graham, Sec., Oct. 12-17; New-
ton County Fair, Jasper, J. C. Far-
rier, Sec., Oct. 1-3; Ouachita County
Fair, Camden, J. A. McLeod, Sec.,
Oct. 1-3; Polk County Fair, Hatfield,

13,990,000 BALES FORECAST AUG. 16

Arkansas Crop May Yield 194 Pounds Per Acre. Total 1,476,000 Bales.

According to the report just released by
the United States Department of Agricul-
ture through the Arkansas Co-operative
Crop Reporting Service, the condition of
the Arkansas cotton crop on August 16
was 79 per cent of normal as compared to
87 per cent on August 1, 1925, and 71 per
cent on August 16, 1924. Judging from
the relation of August condition to final
yields, the condition figure of 79 on Au-
gust 1 indicates a yield per acre of 194
pounds and a total production of 1,476,000
bales of 500 pounds gross. However, the
final out-turn of the crop may be larger or
smaller as developments during the re-
mainder of the season prove more or less
favorable than usual.

The heaviest deterioration during the pe-

riod from August 1 to August 16 occurred
in the northeastern, western and central
sections of the state. Dry, hot winds and
insufficient rainfall caused the decline in
northeastern Arkansas. Excessive rains over
parts of western and central Arkansas have
brought many reports of rank growth and
shedding. Cotton is reported good and
holding up well in eastern Arkansas where
excessive rains have not occurred. Cotton
in southwest and parts of south central
Arkansas has suffered on account of the
hot, dry winds and insufficient moisture.
Sections of southeast Arkansas report too
much rain. Weevil and worm infestation
has become more general in the western,
central and southern districts during the
last two weeks, on account of excessive
rains in these areas. Very little damage
has been reported in northern, northeastern
and eastern Arkansas. Rust and blight
are also reported in some localities in the
southern part of the state.

Our reporters show 8 bolls safe per plant
to date as compared to 7 at this time
last year.

DETAILS BY STATES:

STATE	Area in Cultivation June 25, 1925 (Prelim.) In thousands of acres	August 16 1925 Per Cent	August 1 1925 Per Cent	August 16 1924 Per Cent	YIELD PER ACRE Indicated by condition.		PRODUCTION (Bales) 500 lbs. Gross Wt. Indicated by final condition.	
					August 16 1925 Lbs. Lint	August 1 1925 Lbs. Lint	Aug. 16 1925 In thou- sands of Bales.	Census Ginnings 1924 In thou- sands of Bales.
Virginia	96	79	75	62	261	244	52	39
North Carolina	2,183	75	75	89	259	244	1,180	825
South Carolina	2,740	53	62	59	151	155	865	807
Georgia	3,564	61	66	70	134	132	1,000	1,004
Florida	115	78	80	72	117	112	28	19
Missouri	503	81	84	70	271	269	285	189
Tennessee	1,219	82	82	72	197	189	501	356
Alabama	3,425	70	74	70	140	141	1,002	986
Mississippi	3,424	77	81	65	185	182	1,322	1,099
Louisiana	1,916	65	69	50	140	135	560	493
Texas	18,237	46	49	61	99	95	3,769	4,951
Oklahoma	4,367	74	72	75	166	147	1,693	1,511
Arkansas	3,649	79	87	71	194	200	1,476	1,098
New Mexico	139	77	75	92	173	172	50	55
Arizona	163	92	92	85	258	258	86	108
California	170	95	90	90	288	279	102	78
All Other	38	92	89	75	.....	187	17	12
U. S. TOTAL.....	46,448	62	65.6	64.9	141.1	139.8	13,990	15,628

Aug. 8; Randolph County Fair, Poca-
hontas, Sept. 24-26; Saline County
Fair, Benton, C. W. Lewis, Sec., Oct.
6-8; Searcy County Fair, Marshall,
Oct. 2-3; Sebastian County Fair,
Greenwood, W. C. Candor, Sec., Oct.
1-3; Stone County Fair, Mountain
View, C. D. Sansom, Sec., Sept. 9-11;
Tri-County Fair, Imboden, M. W.
Phillips, Sec., Sept. 17-19; Washing-
ton County Fair, Fayetteville, Frank
Barr, Sec., Sept. 22-25.

Springdale Grape Festival Big Success

(Continued from Page One.)

program at Springdale last month
and called it the Arkansas Grape
Festival. It was attended by thou-
sands of visitors and will no doubt
be hereafter an annual affair.

The world learned of California
through her oranges. The world has
already come to know and respect
Arkansas for her apples and peaches.
The Rogers Annual Apple Blossom
Festival is internationally famous.
Arkansas cantaloupes sell at a prem-
ium in all markets. The Springdale
Grape Festival will do as much for
Arkansas as apples, peaches and can-

taloupes are doing. All honor to
the patience, foresight and industry
of the little group of vineyardists
who are profiting themselves and
honoring the "Wonder State" through
the production of one of nature's
daintiest morsels—Arkansas grapes.

CURRENT C R O P NOTES

Issued by Crop Estimates Bureau,
Department of Mines, Manufac-
tures and Agriculture.
July 22-August 22.

WEATHER.

With the exception of the northeast and
certain localities in southern sections, light
to heavy rains have been received through-
out the state. Many sections in the north,
western and central parts of Arkansas re-
port excessive rains injurious to the grow-
ing crops, especially cotton. Temperatures
during the latter part of July and the first
week of August were below normal. The
second and third weeks, temperatures have
been from four to six degrees above nor-
mal.

CORN.

The general rains during this period
helped the condition of late corn very
much, and a larger yield will be made than
was anticipated a month ago. The reports
from the north and western districts are

DOGS.

PET WOLF—Three months old, gentle and eats what a dog will. Make cash offer or state what you have to trade. J. W. Mosier, Fallsville, Ark.

TWO-YEAR-OLD JYP — Eight-month-old pup. \$15, or will trade for fox dog. Sid Moore, Dover, Ark.

AIREDALE PUPPIES—Registered; six to eight weeks old. Females \$5; males \$10. Few bred bitches for sale at reasonable prices. Walton Bros., Sulphur Springs, Ark.

ENGLISH PUP AND WOLF JYP—Five months old, \$25. L. L. McCallister, Hanover, Ark.

COON DOG—Two years old; Fox hound, two years old, \$15. Arthur Criner, Holt, Ark.

MISCELLANEOUS.

SNAPPED CORN FOR SALE—We have snapped corn for sale in car lots. Write for prices. A. J. Matthews & Co., Malden, Mo.

WANTED—Place to pick cotton this fall and also place to make small share crop or work by the day next year. J. J. Wilkins, R. 1, Box 5, Charleston, Ark.

FOR SALE—Sixteen h. p. gasoline engine, twelve h. p. gasoline engine, fourteen N. & M. grist mill, corn cobb crusher. Owens No. 4 bean and pea huller. W. O. Hughes, Alf, Arkansas.

CLOVER HONEY—Few cans direct from my apiary. Ask for delivered price on quantity wanted. J. W. Coulter, Knobel, Ark.

WANTED—A place to work on the halves, near school, where work may be had in summer and winter. Can handle about 30 or 35 acres. If you want a reliable share cropper, write to C. G. Bennett, R. 2, Rosston, Ark.

FOREST PRODUCTS WANTED—Special dogwood, persimmon, holly, hickory, ash, walnut and poplar logs. I pay cash and inspect at loading point. For specifications and prices write C. W. Towse, 4007 Prytania St., New Orleans, La.

LOBELIA HERB—Also known as Indian tobacco, State root and grub root, May apple root, Blue Cohosh root and Fringe wanted. We pay cash. Write for prices and complete list. William J. Craven, Bristol, Va.

WANTED TO EXCHANGE VICTROLA RECORDS—Have Columbia, Victor, Silver Tone and Cameo. J. C. Davidson, R. 2, Box 32, Cave City, Ark.

EDISON PHONOGRAPH—and 65 cylinder records, in good condition. Price \$25. T. W. Phipps, R. 3, Box 81, Fairfield, Ark.

ROAD GRAVEL FOR SALE—High grade peacock gravel mixed with good quality red binder clay. Abuts K. C. S. railway near DeQueen. Will sell or lease on royalty basis. Tom G. Taylor, DeQueen, Ark.

WANT ONE BIG FAMILY WHITE COTTON PICKERS—Have other work at farm wages. Also two families for share crops next year. W. A. McNeely, Scott, Ark.

DAISY PATENT CHURN—3-gallon capacity. Price \$3.50. Will trade for pure bred Games, Buckeye Reds, Brown Leghorns or Ancona pullets. Also have \$3.50 caponizing set will sell for \$2.50 or will trade. Mrs. E. E. West, Paris, Ark.

STUMPAGE FOR SALE—Walnut, pine, oak, hickory and Gum. A. W. Chamberburg, Burg, Ark.

WE PAY CASH—For old "Tin Lizies" and tractors. Give make, model and condition, and we will make price. We will furnish parts at wholesale prices if you do your own repairing. Losc-Star Garage, Knobel, Ark.

POWER EQUIPPED BLACKSMITH SHOP—Including lot, building and equipment. Will sell or trade for small farm. Pete Bartschi, Gillett, Ark.

CEDAR TIMBER—For sale. H. C. Crook, Pangburn, Ark.

FARMERS' EXCHANGE

LIVE STOCK.

TOGCENBERG DOE—Registered, two years old, fresh and gives four quarts of milk a day; \$25 crated, f. o. b. A. J. Bowmen, R. 1, Box 65, Dardanelle, Ark.

REGISTERED JERSEY MALES—Nine months and younger. Also few bred and open heifers. Pedigrees and prices on application. M. L. Harwood, R. 1, Siloam Springs, Ark.

BUCK COATS—Nearly full Angora. For price write Warren Johnston, Mayfield, Ark.

SHEEP AND ANGORA COATS—For sale. Also three grade rams and four full blood angora bucks not registered. Sample of mohair sent if interested. W. C. McCarley, Star Route Box 3, Gilham, Ark.

FOR SALE—One registered Poland China boar, two years old and sow one year old, bred. Priced cheap. Byron Bindley, Everton, Ark.

NINE-YEAR-OLD JACK — Registered, black with white points, fine individual. Byron Bindley, Everton, Ark.

JERSEY BULL—Eligible to registry. Dropped Nov. 13, 1924. Fine individual. Dam, grand-daughter of Financial Sensation, the \$60,000 bull. Sire, son of Reigning Monarch of Long View Farm. Price \$75. William R. Curry, Gentry, Ark.

TWO YOUNG HEIFERS — Full blood Jerseys, all bred. For prices write, A. W. Sinclair, Elkins, Ark.

JERSEY BULL CALF—Six months old. From registered sire, and dam that made 59 pounds butter fat record on 30-day test. This individual especially fine for

good herd. Also one registered bull calf, two months old, from dam high in butter fat. W. W. Cox, Gentry, Ark.

TWO MILCH COATS WANTED—Price must be right. Will trade Leghorn hens or incubator. M. M. McCall, Bradford, Ark.

THOROUGHbred JERSEY—University stock. Also half bred Jersey-Holstein. Both males, three months old. \$8 each crated, f. o. b. Springdale. B. A. Crane, Springdale, Ark.

POULTRY AND EGGS.

MAMMOTH PEKIN DUCKS AND DRAKES—Full bred; \$1.50 each. Mrs. E. E. West, R. 4, Paris, Ark.

FOR SALE—Lakenwelders, Light Brahmas, Anconas and Cornish Games. Will exchange roosters. M. L. Roth, Williford, Ark.

S. C. W. AND BLACK LEGHORN PULLETS—Early hatch, 75c each. M. M. McCall, Bradford, Ark.

S. C. W. LEGHORN COCKERELS—Sire pedigreed cockerel from 295-egg dam and sire's dam of 315-egg strain. \$2.50 each, f. o. b. Sulphur Springs. Walton Bros., Sulphur Springs, Ark.

WHITE ORPINGTON COCKERELS—\$2 each. S. C. W. Leghorn cockerels, \$1. Maude Harwood, R. 1, Siloam Springs, Ark.

MAMMOTH WHITE PEKIN DUCKS—Four for \$5; one Buff Orpington hen \$1.50, or five for \$6. One pair R. C. R. I. Reds for \$4.75. Mrs. Lassie Donal, R. 1, Box 52, Blevins, Ark.

S. C. W. ORPINGTON COCKERELS—First prize at Memphis and Little Rock fairs 1923; \$25. Miss L. Alley, Box 82, Forrest City, Ark.

S. C. R. I. REDS—March hatch pullets, \$15 per dozen. Cockerels \$1.50 each. White and Brown Leghorns, same price. Mrs. Mildred Miller, Freedom, Okla.

WHITE LEGHORN COCKEREL, ENGLISH TYPE — Tancred-Hollywood strain from 300-326 egg strain; March hatch. \$1.50 each. Mrs. Anna Rea, Alexander, Ark.

BARRED ROCK COCKERELS—Selected and pedigreed, \$2.50 each, f. o. b. F. L. Miller, Dutton, Ark.

S. C. W. ENGLISH LEGHORN COCKERELS—Price 75c each. G. D. Fuller, Omaha, Ark.

BLACK MINORCA COCKERELS—Eight, April hatch, \$1 each. Also eight yearling cocks, same price. J. M. David, Mundell, Ark.

BARRED PLYMOUTH ROCKS—Cockerels, 75c each. S. C. W. English Leghorns, young and old, pure bred, at price to suit. Mrs. D. C. Davis, Pangburn, Ark.

S. C. D. B. LEGHORNS—Seven weeks old cockerels from heavy laying strain, at 75c each. Jessie Francis, R. 2, Box 95, Arkadelphia, Ark.

BUFF ORPINGTON COCKERELS—Four pure bred March hatch at \$1.50 each. Mrs. Sallic Milam, R. 2, Warren, Ark.

BUFF ORPINGTON COCKERELS—\$1 each. Also 50-egg incubator \$2.50. J. J. Ducerr, R. 1, Altus, Ark.

BLACK MINORCAS — and Buff Rocks. Closing out my entire flock. State what you want and I will furnish prices. E. H. Fyffe, Hill Top, Ark.

WHITE WYANDOTTES — Trap-nested stock; attractive prices. William R. Curry, Gentry, Ark.

OCT. 7, 8 AND 9 DATES
OF RICE CARNIVAL

Another event which has done much to make Arkansas nationally famous is the annual Rice Carnival at Stuttgart. It will occur October 7, 8 and 9 this year. Plans to make it bigger and more interesting than ever before have been completed, and a record attendance is looked forward to.

In fixing the dates of the Rice Carnival officials had in mind co-operation with the State Fair. The Carnival is to occur the week previous to the State Fair so that it will be possible for the rice industry to be fully represented at the Fair.

Stuttgart, "the Capital of the Arkansas rice belt," is in the center of a section that produced nearly seven million bushels of rice last year and bids fair to produce even more this year.

SOME WATERMELON!

A watermelon weighing 114½ pounds was received by the Department of Mines, Manufactures and Agriculture from Jno. S. Gibson Drug Co. of Hope last month. It was grown by Edgar Laseter, 4½ miles east of Hope, and is known as Laseter's Improved round melon. It is a mixed variety, developed and improved by Edgar and his brother, Hugh.

The Department has placed the melon in cold storage and will place it on exhibit at the State Fair.

especially promising for late corn. Early corn has filled out much better than was expected in portions of the State where its growth was not too far advanced.

The government forecasted on August 1 the total corn production for Arkansas at 37,191,000 bushels as compared to 36,300,000 bushels in 1924.

RICE.

Rice has made wonderful advancement during the past month, weather having been very favorable for its growth in most sections; although rainfall has been rather light over some of the districts. Several fields are heading out and some of the early rice was harvested the latter part of August. Many early fields are reported to be grassy but it is not general over the belt.

HAY.

Rains have brightened our hay prospects considerably. Nearly every section reports the hay crops in a much improved condition, and many will get another cutting. Eastern Arkansas has a very large increase in hay this year, and very favorable reports have been received from that section.

SWEET POTATOES.

The reports from the sweet potato sections reflect the effect of the much needed rains that were received during the last thirty days. It is thought the yield will run a little higher than was forecasted earlier in the season. The government forecasted on August 1 a total production of 3,966,000 bushels for Arkansas this year as against 2,880,000 bushels last year.

IRISH POTATOES.

Shipments of Irish potatoes this year to August 15 amounted to 464 carloads as compared to the total of 460 for last year. The August 1 forecast of production by the government was for 2,352,000 bushels as compared to 2,664,000 bushels, the total production for Arkansas last year.

FRUITS.

Apples—The total carlot shipments of apples for Arkansas to August 15 this season was 225. The bulk of the crop is yet to be shipped, which will in the end probably exceed last year's shipments of 3,453 carloads. The quality and size this year is good, although quite a few orchards were injured by worm infestation. Reports from some of the growers show that they are receiving from \$1.50 to \$2.00 per bushel basket for their apples.

Peaches—Peach shipments to August 15 amounted to 1,900 carloads as against 2,785, the total last year. Quotations on August 12 from the St. Louis market show Arkansas Elbertas as follows:

No. 1 (medium-large), \$2.50 to \$2.90 per bushel. (Best mostly from \$2.60 to \$2.75.) Some No. 1's quoted as high as \$3.00.

No. 2 (medium-small) ordinary quality and condition, around \$1.65.

Grapes—Grape shipments have been moving very fast during the last two weeks. Despite the fact that portions of the grape section received some hail injury, the crop is generally in fine condition and of good quality. The total carlot shipments of grapes to August 15 were 195. Last season, Arkansas shipped 243 carloads. Estimates vary as to the total carlot shipments this year, ranging from two to three times as much as was shipped last year.

Cantaloupes—Records show that to August 15, 1,045 carloads of cantaloupes have been shipped as compared to 1,052 carloads last year.

Tomatoes—Records show that 76 carloads of tomatoes had been shipped, which is twice as many as was shipped last year from Arkansas.

FARMS FOR SALE

QUARTER SECTION FRUIT AND TRUCK LAND—Dwelling, springs and orchard. Near Gillham, where fruit and truck is shipped in car lots. Possession and terms. G. W. Sullivan, R. 3, DeQueen, Ark.

120-ACRE TIMBER PLACE—Fine mineral products. One mile from railroad and on highway; over half timber. Bargain price or will trade. J. G. Hudson, Turkey, Ark.

103-ACRE VALLEY FARM—Improved, house and good barn; 15 acres bottom land; 40 acres valley and 25 acres orchard grass; one acre young fruit trees; about 20 acres good oak timber. Price \$5,000. J. G. Hudson, Turkey, Ark.

NEWTON COUNTY LAND—On Jefferson highway, in good community and adjacent to free range. H. H. Strong, Mt. Judea, Ark.

100-ACRE GRANT COUNTY FARM—Near Belfast; sandy loam, clay foundation; 30 acres cleared, all level, no rocks; good house and barn; mineral spring on place. Price \$2,000. Also eight well located lots in Belfast, house, barn and small orchard. Price \$1,000. A. C. Langley, Belfast, Ark.

147-ACRE FARM—50 acres in cultivation, good buildings, good water, near school and on rural route. Will consider sale of crop, stock and implements. Price and terms reasonable. J. W. W. Foshee, Kirby, Ark.

IDEAL STOCK AND FRUIT FARM—227 acres, 175 acres cleared and all fenced; two houses, soft water, and located on trunk highway 17 miles east of Fort Smith. One and half, four and six miles to best towns in county. Geo. Shearer, R. 2, Alma, Ark.

CLEBURNE COUNTY FARM—80 acres, 50 acres creek land; 35 acres fenced; 27 cleared and 40 more tillable. House, barn and other buildings, near school, church and postoffice and stores; adjacent to free range. Price \$1,200; half cash, balance terms. Might trade for rooming house, small hotel or merchandise. J. W. Shaver, Ben, Ark.

160-ACRE STONE COUNTY FARM—Good improvements, very productive; near good school and church; good road being built within one-half mile. P. R. Rolen, Box 16, Flag, Ark.

TIMBER FOR SALE—Virgin oak on 240-acre tract, also some pine. W. T. Snow, Camden, Ark.

74-ACRE FARM—27 acres in cultivation, balance timber. Two-room house and outhouses. Spring, well water and peach orchard; plenty small timber; three miles west of Wesson in good community, one mile from nine-month school, and near church and fine public road. Price \$1,500 or will take \$1,000 and retain one-eighth oil and mineral rights. Walter Cameron, Box 114, Wesson, Ark.

EQUITY IN TWO GOOD FARMS—80 and 164 acres in Washington county; sell cheap, for cash or good trade. Lula A. Mitchel, Windsor, Mo.

493-ACRE GREENE COUNTY FARM—All fenced; 200 acres in cultivation. Will sell crop, stock, equipment and farm tools in order to settle estate; will sell cheap. Mrs. I. M. VanVleet, Stone Wall, Ark.

80 ACRES—One-half in cultivation; part bottom and part level; two miles from oil well. Price \$20 per acre. W. A. Hartness, Collins, Ark.

BOTTOM AND HILL FARM—In Randolph county. Price right; for terms and particulars address, J. A. Roberts, Biggers, Ark.

170-ACRE VALLEY FARM—100 acres in cultivation; two sets of improvements, four wells, wire fenced and orchard.

Telephone in house; on daily mail route; near school, church and store. Eight miles north of Bellville. Price \$2,500. J. A. Wilks, Stafford, Ark.

120-ACRE IMPROVED FARM—Several springs, plenty of fruit, woven wire fence; some timber and good soil; three-room house, cellar and other buildings. Priced reasonable and terms. Mrs. E. Henderson, Petigrew, Ark.

WELL IMPROVED FARM—70 acres in cultivation, 10 pasture; two good houses, three wells; close to state highway and one mile from live town. W. L. Baskin, Casa, Ark.

80-ACRE GARLAND COUNTY FARM—35 acres in cultivation and all under wire fence. Dwelling house and other buildings. Spring water; 10 miles southwest of Hot Springs and near good school and church. Price \$1,500. Will include stock, poultry and equipment for \$2,500. G. T. Stricklin, R. 1, Box 24, Percy, Ark.

100-ACRE DREW COUNTY FARM—40 acres in timber; good water; two miles south of Garson oil well; two miles from railroad town, school and good road. \$20 per acre. W. R. Hartness, Collins, Ark.

WANT TO RENT—10 or 50-acre farm on shares; prefer Benton, Boone or Carroll county. Have had 30 years of experience and want a fifty-fifty share crop proposition. F. W. Warner, Peel, Ark.

80-ACRE FARM—All under fence, 20 acres creek bottom; eight miles from railroad and one-half mile from postoffice, church and school. Three-room house and other buildings. Orchard, spring and well. On good road. Will trade or sell. Mrs. Grace E. Baney, Beauchamp, Ark.

160-ACRE OZARK FARM—Fertile, smooth land; ideal for fruit and stock; fine water and young orchard; comfortable dwelling and barn, adjacent to open range; eight miles to county seat; near school and church. Liberal terms. J. B. Jones, R. 3, DeQueen, Ark.

80-ACRE FARM—Fully fenced; 35 acres in cultivation, meadow, berries and fruit and balance in pasture; house, barn and other buildings; fine well; twelve miles from Fayetteville and near railroad, school and church; on mail route. \$2,500, terms. Also 40 acres at \$300. Ernest E. Jewel, Harris, Ark.

200 ACRES—Plenty of fruit; 15 acres cleared, balance in timber; 140 acres can be cultivated; house and garden. \$700. E. S. Totten, R. 1, Shirley, Ark.

80 ACRES WHITE COUNTY—30 acres in cultivation and 25 in pasture; small orchard and garden; four-room house, barn and other buildings; two wells. Price \$500 and purchaser assume \$600 loan. Have also 200 acres improved place for \$1,600, or will trade for car, or truck, and give terms. M. M. McCall, Bradford, Ark.

140-ACRE FARM—Suitable for fruit or stock; 30 acres in native grass with running water from two springs; one-half in good fruit land; adjoins state farm two miles from State University, Fayetteville. J. A. Sanders, R. 6, Box 102, Fayetteville, Ark.

121 1/4 ACRES—Well improved with fences; 100 acres open land; 75 in cultivation, timber, pasture and meadow; 2-acre orchard and two sets of improvements. On public highway one mile from school and church and 2 1/2 miles from railroad station; eight miles northwest of Prescott in fruit and truck farming belt. \$3,000. H. M. McCain, R. 5, Prescott, Ark.

83-ACRE FARM—40 acres in cultivation, orchard and berries; six-room house and other buildings; quarter mile from school. \$4,500; \$2,500 cash, balance terms. P. M. Kokanour, Rogers, Ark.

60-ACRE FARM—5 acres strawberries, 35 acres in cultivation, all fenced; seven-room house, new barn and good

water; quarter mile from church, station and hard surfaced road. In sight of good high school. Can give possession by September 5. Price and terms right. J. H. F. Powell, Box 94, Ward, Ark.

80-ACRE FARM—Good house and well; partly fenced; half mile to school and five miles to station. L. H. Roberts, Chester, Ark.

BENTON COUNTY FRUIT FARM—40 acres in orchard, contains 600 bearing apple trees and 400 young trees; house and barns. Write Brickman, 895 West 4th St., Cleveland, Ohio, or First National Bank, Gentry, Ark.

FRUIT AND POULTRY FARM—30 acres fenced; house, barn and other buildings; soft water; three miles east of Brentwood, Washington county; near good railroad station. Cash, or trade for small place. P. L. O'Bryan, Brentwood, Ark.

SMALL FRUIT AND POULTRY FARM—Well improved and near good market, schools, etc.; four-room house and other buildings; some good timber. Priced to sell, with or without equipment. E. H. Minarie, Garfield, Ark.

80-ACRE LOGAN COUNTY FARM—Suitable for fruit; about 60 acres in cultivation and balance in pasture; good spring water; house, barns and other buildings. E. H. Shirley, Paris, Ark.

120-ACRE IMPROVED FARM—Price \$1,000 or will trade for house and few acres near town; disabled World war veteran not able to tend so much land. Jesse Doolin, Melrose, Ark.

20-ACRE FARM—In corporate limits, Emmet, Ark., one mile from depot and packing shed. J. V. Ogden, Manning, Ark.

ARKANSAS FARM WANTED—Will trade 165-acre dairy and potato farm in Maine for Arkansas farm. R. A. Snyder, R. 4, Seaford, Del.

STONE COUNTY FARM—38 acres, 10 acres in cultivation and balance can be cultivated; good house and other buildings; seven miles to railroad station, postoffice and school, on good county road; good neighborhood; ideal location for doctor, as no doctor nearer than 10 miles. Price \$275. L. B. Ramsey, Flag, Ark.

FULTON COUNTY STOCK FARM—120 acres, 30 acres in cultivation, balance in pasture and timber; four springs, two houses and barns, 1 1/4 mile to school, 2 1/2 miles to store and postoffice. Price \$1,000 or will trade for property near town. Joe Price, Ott, Ark.

80-ACRE FARM—Partly improved; good fruit and berry land, near school, church and markets; 4 1/2 miles from new canning factory. W. L. Lynch, Springtown, Ark.

SMALL IMPROVED ARKANSAS FARM WANTED—A place suitable for fruit and chicken ranch. I will trade Missouri farm of 120 acres. C. C. Hungate, Siloam Springs, Ark.

WANT TO BUY OR RENT—A farm in Arkansas, White river or Ozarks. W. P. Bozeman, Pleasant Hill, La.

43 ACRES—30 acres in cultivation; house, barn and other buildings; three wells; eight miles from oil field. Price \$1,000. H. C. Kackson, R. 2, Box 84, Emmet, Ark.

131 ACRES—100 in cultivation; 25 good bottom land, 31 acres good timber; five-room house, barn, cistern and well; one and one-half miles from town. \$2,500. J. M. Wilkenson, Sidney, Ark.

PLEASANT MOUNTAIN HOME—160 acres in Cove on highway; very productive; near county seat, church and school; telephone and R. F. D. Will H. Taylor, R. 3, DeQueen, Ark.

180-ACRE YELL COUNTY FARM—Three sets of improvements, fine water, good roads and good neighborhood; 140 acres tillable and 40 acres in timber; one-half mile from school. Price \$6,000 on terms. M. L. Osburn, R. 2, Blue Mountain, Ark.

40-ACRE CREEK BOTTOM FARM—Good sandy land, no rocks; four acres in cultivation, balance good timber; \$500. E. S. Richie, Center Point, Ark.

200-ACRE FARM—One-third in cultivation; running water; near good school; four miles from Hot Springs. Little Rock-Hot Springs highway runs through center of property. R. T. Cook, P. O. Box 215, Hot Springs, Ark.

212 1/2-ACRE CRAWFORD COUNTY STOCK FARM—60 acres in cultivation, well watered, good houses and barns, thousands of acres log timber and open range adjoining. Will sell or trade for property in or near town in northwest Arkansas. O. W. Francis, Bidville, Ark.

55-ACRE STOCK FARM—30 acres in cultivation, balance in timber and all under wire fence; near churches, school and postoffice; on daily mail route and in strictly white neighborhood. Price \$1,000, cash or terms. Bryant Langston, Alpine, Ark.

100-ACRE MADISON COUNTY FARM—40 acres plow land, good fence and plenty of water; five-room house and barn; on rural route between Kingston and Pettigrew. Price \$300. Geo. M. Parsons, Red Star, Ark.

60 1/2 ACRES—Part upland and part creek bottom; new house, good well, spring and orchard; near Mt. Ida. Price \$800, cash or terms, and will consider good team as part payment. Joe Williams, Box 26, Mt. Ida, Ark.

TOWN PROPERTY FOR SALE AND WANTED.

WANT SMALL PLACE—Suburbs of Little Rock or Fayetteville; will exchange home place Cisco, Texas. Mrs. K. A. McNeely, R. 1, Scott, Ark.

FOR SALE—Five lots, five-room house and outbuildings in Glenwood. Four-room house and lots, Mt. Ida, Arkansas. J. J. Abree, Box 27, Mt. Ida, Ark.

STORE AND DWELLING—On main street and state highway in good town in rice belt. No special road or drainage tax. Price \$2,000. For terms and particulars write R. L. Wofford, Ulm, Ark.

SIX-ROOM COTTAGE—In Mena. Strictly modern and has garden and fruit trees, concrete walks and garage; \$1,800. Mrs. P. C. Plaster, 508 7th St., Mena, Ark.

SEEDS WANTED AND FOR SALE.

OLD - FASHIONED SHANGHAI ONIONS—Buttons 40c per gallon, postage paid. John Hilgore, Low Gap, Ark.

ANGEL TRUMPET SEED—Ten cents per gallon. Mrs. C. R. Strauss, Flip-pin, Ark.

SENATOR DUNLAP STRAWBERRY PLANTS—Healthy and full rooted, 35c per 100; \$3.00 per 1,000, postpaid. Fred Fricks, Armada, Ark.

WANTED TO BUY—Arkansas raised winter oats, also some red top and Japan clover. A. H. Peck, Rover, Ark.

WILL EXCHANGE—Sunflower or Mung bean seed for bur clover or winter Harry Vetch. Emile Roth, Williford, Ark.

NURSERY STOCK AND PLANTS FOR SALE AND WANTED.

WANTED NARCISSUS AND DAF-FODIL BULBS—Pay 5c per pound and postage. Will exchange for other plants. C. Evershed, R. 3, Malvern, Ark.

RED BERMUDA ONION SETS—Home grown, price 70c per gallon (four pounds), postage paid. Fred Fricks, Armada, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

FOR THE FARMERS OF ARKANSAS

SUBSCRIPTION FREE

VOL. 11, NO. 9.

LITTLE ROCK, ARKANSAS

OCTOBER, 1925

Commissioner Wilkes to Have One of the Biggest and Most Varied Exhibits at State Fair October 12-17

ONE of the biggest and most varied exhibits to be seen at the State fair at Little Rock, October 12-17, will be that of the State Department of Mines, Manufactures and Agriculture. Commissioner W. N. Wilkes has secured a space twenty feet by forty-eight feet in the Varied Industries building, in which will be exhibited practically all of Arkansas' products.

Exhibits Varied.

Among the items on exhibit will be a 112-pound watermelon, a 23½-pound cabbage, a 16-pound sweet potato, a 12-pound turnip, specimens of various minerals and ores, including lead, manganese, diamonds, cop-

per, coal, bauxite, phosphate, slate, crude and refined oils, also unusual specimens of agricultural products, including cotton, wheat, rice, corn, oats, rye, grasses, nuts, tobacco, and fruit trucks. Various manufacturing exhibits will include timber and mussel shells, from which pearls are taken and buttons made. Some few examples of the taxidermist's art will include various wild animals and birds preserved in a life-like pose. Indian relics and confederate money will also be exhibited.

One of the most interesting single features of the exhibit is a huge painting drawn in 1896, before con-

struction of the present State House, being an artist's conception of what the appearance of the completed building would be. It is remarkably like the finished job. Heavy traffic is shown in the picture and it brings to mind most forcibly the rapid development of the automobile, for nothing but horse drawn vehicles are shown.

Will Exhibit Each Fair.

Maps, statistical information about Arkansas Agriculture and publications concerning Arkansas Mineral resources will be distributed free from the booth each day.

"At previous Fairs," Mr. Wilkes said, "I have noticed, with much dis-

appointment, the absence of an official exhibit. The State Fair is Arkansas' show window. One of the chief functions of the Department of Mines, Manufactures and Agriculture is advertising of the natural, Agricultural and Industrial resources of the State. No better opportunity is afforded than the chance to display a few specimens to the twenty thousand or more people who will attend the fair this year. So long as I continue to serve the people as Commissioner of Mines, Manufactures and Agriculture the State will be officially represented at each State fair," he said.

New Rules for Seed Rice Analysis Issued

Recent Efforts of Commissioner and Rice Growers to Agree on Better Rules Finally Brings Satisfactory Results.

DURING the past several weeks several conferences have been held and much correspondence exchanged between W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture and rice growing interests relative to improving the rules for seed rice analysis, which has finally culminated in the issuance of new regulations satisfactory to both the Commissioner and the rice growers.

The new regulation, known as Regulation No. 5, is considered to be a great improvement over the previous regulation, is effective immediately and published, as follows:

Regulation 5—Rules for Seed Rice Analysis.

Seed samples must weigh not less than ten (10) pounds. They must be representative of the entire lot or stock from which the samples are tak-

en, thoroughly mixed and divided in the State Seed Laboratory by the Boerne Sampler. The ten-pound sample must be composite, that is, a mixture of portions taken from the top, middle and bottom of the bag; or if in a bin, portions from different places on top, in the middle and at the bottom of the container.

Hulling the seed in the Laboratory must be perfect for the detection of "Red Rice."

"Noxious Seed" shall include weed seed named in the Weed Control Law and reports from the State Seed Laboratory may give the names of all weed seed in a sample so far as this will be possible. The report shall name the "Noxious Weed Seed."

The per cent of "Red Rice" must be shown on the Laboratory report,

(Continued on Page Two.)

Arkansas Vs. Florida

In which Mr. F. Leslie Body, Manager of the Hot Springs Chamber of Commerce, points out some things that are happening elsewhere and offers some sensible suggestions for Arkansas.

A FEW days ago two gentlemen were entering Hot Springs over the Rock Island railroad from the Southwest and upon noticing the high tension wires, the senior member remarked: "This reminds me of the Carolinas fifteen years ago and in my opinion the development of hydro-electric power means a new era of prosperity for Arkansas."

Subject matter for a sermon is contained in the above remark. It is unnecessary to mention the vast strides of industrial progress which has been made by the Carolinas in the last few years, but sufficient to remember that our visitors recognized the earmarks of future prosperity for our state.

The harnessing of water energy in the Carolinas has meant the revolutionizing of those states and today the Carolinas are recognized as a center of textile industry and furniture manufacturing and is now making a

strong bid for the wood pulp and paper business.

"Our Wonder State."

Arkansas must sooner or later take an inventory of her potentialities and the sooner this is done the quicker will the native sons realize the magnitude of Arkansas' natural wealth. We in Arkansas are very fond of referring to our state as "The Wonder State, and while it may be true, concerted effort must be taken to correct the false impression of Arkansas by those living on the outside. If Arkansas is "The Wonder State," and we have every reason to believe it is, then it is about time our natural resources were developed and exploited, and the false appellations given to Arkansas by citizens of other states must be corrected through a well planned and directed publicity campaign. "Why Is Florida?"

From all sides one hears much talk

(Continued on Page Two.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
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W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

The Bulletin will be sent to any citizen of Arkansas
upon request without charge.

Classified Ads

Will be inserted for any Arkansas citizen free
of charge, rewritten to conform to space and
style standards.

Display Advertising

Rates will be made known upon request.
All communications about subscriptions, advertising,
copy and other matters pertaining to the Bulletin
should be addressed to Arkansas Farm and
Marketing Bulletin, P. O. Box 1111, Little
Rock, Arkansas.



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NEW RULES FOR SEED RICE ANALYSIS ISSUED

(Continued from Page One.)

this to be determined by weight. For
this determination U. S. grades for
Rough Rice are hereby declared adopted
for use by the State Seed Laboratory.

The Laboratory report may show weights
in terms of ounces, pounds or fractions of
pounds as well as in terms of grams where
weight is required.

The per cent by weight of broken and
hulled grains shall be determined by the
Seed Analyst and this information shown
on the report of the State Seed Laboratory.

The Laboratory report must declare the
"purity as to type according to the length
of grains (unhulled)," showing the per
cent of grains belonging to the following
three types: Long Grain Type, 8.8 milli-
meters or more; Medium, 7.5 to 8.8 milli-
meters; Short or Round Grain, 7.5 milli-
meters or less. Table 1, page 15. Depart-
ment Bulletin No. 1127 U. S. D. A. is here-
by declared the guide for the State Seed
Laboratory in determining this information.

RICE ASHES PROVEN SPLENDID FERTILIZER

L. K. Buerkle talked to the Rotary Club
at Stuttgart in August on the subject of
"Rice Ashes as a Fertilizer" and used sev-
eral exhibits to show the stages of cotton
grown on old rice lands with ashes as a
fertilizer.

For several years Mr. Buerkle has raised
rice on his farm adjoining Stuttgart. As
an experiment this year a great portion of
this farm was planted in cotton, but be-
fore planting, he covered this acreage with
rice ashes. The result was that this cot-
ten is as fine a stand as any in the United
States, with an abundance of fruit on each
stalk.

Mr. Buerkle exhibited several stalks tak-
en from different sections of the farm,
grown with and without the rice ashes.
The stalk grown without the ashes is much
smaller in size and bears less fruit than
the one grown with ashes. He also exhib-
ited some stalks where too much and too
little ashes were used. According to his
analysis about four inches of ashes should
be used, thoroughly mixed with the soil.

The Rotarians thought so well of the
idea that a number of farmers may be
solicited to experiment along these lines
with about ten acres of cotton each.

Arkansas ranks ninth in the low rate
of taxation on farm land.

ARKANSAS VS. FLORIDA.

(Continued from Page One.)

of the wonders of Florida. Every news-
paper and magazine is devoting valuable
space to the things that are being accom-
plished in the Everglade state. Stories
are told of fortunes being made over night,
and, as is natural with human beings,
stories lose nothing in the telling, but it
is a rare occurrence to even hear a whisper
of the money that has been and will be
lost in Florida through land speculation by
the uninitiated investor.

As sure as night follows day and the
law of averages can be accepted as a
truism, the percentage of winners will be
more or less offset by those less fortunate,
who bought at the wrong time and could
not unload at the high water mark.

The old saying "nothing succeeds like
success" is exemplified to the Nth degree
in Florida's present unprecedented boom;
but real estate values, like water, must find
their level. The fundamental principle of
land valuation is based on its earning ca-
pacity, but when agricultural lands sell for
\$2,000 or \$3,000 an acre, the product from
the soil must of necessity be sold at an in-
creasingly high price commensurate with
the land values and labor required to pro-
duce it. The same is true of city prop-
erty. When a corner lot sells for \$500,000
or \$1,000,000, it will require the erection
of a building of mammoth proportion to
insure sufficient revenue to offset ground
rent, taxes, depreciation and maintenance,
to say nothing of the interest on the prin-
cipal involved; and a city, no matter what
size, can only support a limited number of
such structures, be they hotel or office
buildings.

What About Arkansas?

Where the Florida boom will end cannot
be predicted and does not at this time
seem to cause much concern with the Amer-
ican people, but the time is near when a
comparison between the states of Florida
and Arkansas is worth while.

This article is inspired in the sincere
hope that our native sons will learn a les-
son from Florida's present activity and pay
heed to Dame Fortune when she knocks
right at our portals, for surely opportunity
is knocking at the state's door at the pres-
ent time.

If there ever was a time in the history
of this state to awaken from its lethargy
and be up and doing, it is now. Somnam-
bulism and sleeping sickness are both cur-
able ailments, but have no place in the life
of an aggressive community.

The man who has his ear to the ground
listening for the echo of the steps of the
march of progress believes he can detect
the advance rumblings of an upheaval and
disturbing elements that forecast an indus-
trial development by the advent of new life
in the aggressive communities in Arkansas.

Advance guards have been scouting this
territory for the past year or so. They
have heard of the development of latent
water power now harnessed through the
foresight of one of Arkansas' native sons—
Harvey C. Couch—president of the Ark-
ansas Light & Power company; the con-
struction of many miles of paved highway,
with more to follow; the establishment of
air routes and landing fields; and increased
publicity and patronage to the Ozark play-
grounds during recent years.

"A Built-in State."

Statistical information gathered from au-
thentic sources would prove that if Arkan-
sas would build a wall around her bound-
aries she would be self-supporting. The
school children of Arkansas are taught they

can enumerate a mineral or product, pro-
duced or grown in the state, for every let-
ter of the alphabet from A to Z. Those of
us who are familiar with Arkansas' cli-
matic conditions know that they are ideal
for manufacturing purposes. The growing
season is of the right duration, the general
health of the people of the state above
normal and mortality rate exceptionally
low; therefore, with raw materials, climate,
power and labor, what more is necessary to
make Arkansas' dream as "The Wonder
State" come true? The answer is the in-
troduction of foreign capital placed in the
hands of men with vision. How the two
can be brought together is the all important
issue and a lesson copied from Florida's
boom would not only be timely, but prof-
itable.

For hundreds of years the state of Flor-
ida lay dormant. Its lands could not be
given away, but over night "Rip Van Win-
kle" came to life and through a liberal use
of printers ink and man's greatest asset,
ambition, optimism and confidence, land
values were created heretofore unheard of
in the history of America. This change
was brought about through speculative
make-up of the American people. They
are extremists—one year oil stocks are in
vogue, the next western farm lands and
then comes a dabbling in real estate from
the Pacific to the Atlantic coasts.

Florida can never be a manufacturing
state due to the lack of raw material and
on account of the intense heat during the
summer months, which makes labor condi-
tions in the factories practically impossible,
but no one will gainsay that for three or
four months in the winter the state of
Florida possesses one of the best climates
to be found on the North American conti-
nent; yet, why is it that more people to-
day are flocking to the Everglade state
than ever before? Everywhere comes
stories from the furthestmost hamlets, con-
servative towns and metropolitan cities of
farmers vacating their land; professional
men giving up their practices and mer-
chants selling out their stocks—fearful un-
less they reach Florida too late for the
boom. They need not worry. The boom
will continue just as long as new capital is
available to make real estate sales, and then
what? History repeats itself.

During the past decade one has only to
look back on several sections of the North
American continent to see the unrelenting
severity of a boom aftermath. Western
farm lands sky-rocketed in price during the
war are today mortgaged and untenanted.
New town sites were planned and sold in
the Canadian prairie provinces and are now
deserted. There is no justification for the
existence of mushroom nourished commu-
nities and as soon as foreign capital ceases
to be available to maintain high real estate
values established, the basic principle of
land valuation asserts itself and then only
is the true value of property demonstrated,
but at what a severe cost to the unedu-
cated investor.

TEXTILE EXPORTS BIGGER LAST YEAR

Textile fibers and textiles represented
26.7 per cent of the total value of United
States exports of domestic merchandise
during the fiscal year ended June 30, 1925,
when shipments of all classes of textile
commodities to foreign countries aggre-
gated \$1,274,987,000, an increase of \$185-
228,000 over the previous 12 months. Raw
cotton accounted for 83 per cent of the
total value of exports in the textile group
during both years.

HOW UNGRATEFUL SOME KIDS ARE

Johnnie bought himself a pig
With money he had earned;
He named her Nell and fed her well,
And lots of tricks she learned.
But Nellie grew to be a hog,
And finer there were few—
Then father up and sold that hog
(And kept the money, too).

Next, Johnnie got a little calf
In payment for hoeing corn;
He loved that calf, the calf loved him
As sure as you are born.
But calfie grew to be a cow
As all good calfies do—
Then father up and sold that cow
And kept the money, too.

Now Johnnie loved his little pets,
But father loved his pelf;
So Johnnie left the old home farm
And struck out for himself.
Said Johnnie's pa one summer's day
"I've often wondered why
These kids don't seem to like the farm—
The city is their cry."

"It always will be strange to me,"
Continued Johnnie's pa.
"It only goes to show, though,
How ungrateful some kids are."
When Johnnie heard what pa had said
He gave a bitter laugh,
As his mind went back to childhood's
days—
Back to that pig and calf.

APPLICANT FRANK ABOUT EXPERIENCE

The following application for employ-
ment recently addressed to W. N. Wilkes,
Commissioner of Mines, Manufactures and
Agriculture, is regarded by the Commis-
sioner as the frankest explanation of ex-
perience yet addressed to him. The appli-
cant said:

"Dear Mr. Wilkes—I herewith, hence-
forth or just plain here make application
for position with you. As to my age, ex-
perience and qualifications, will say: Am
36 years old, white (at least I was until
the sun hit me) and married. Have had
experience in talking 35 years, having
started at the age of one year and not
stopping for breath, except a period of
three weeks when my throat became par-
alyzed from overwork. The art of walking
began at an early date (but it's impossible
to give exact age), and has continued
steadily, until my friend Henry invented
the Ford or conveyance commonly known
as "Tin Lizzie;" since that time I've 'rid'
considerably. Education began at the ten-
der age of one day and has continued up
to the present time. My latest educational
acquirement being mountain climbing, for
which I'm suffering with blisters, broken
back and sore muscles, etc. My experi-
ence as housekeeper has covered a period
of sixteen years and has extended through
several states and houses, too numerous
to mention. You will please understand
the word housekeeper covers at least 52
accomplishments; at least a noted writer so
states in the August *American*. My read-
ing includes such classics as 'Judge,'
'Smart Set,' 'Rip Saw' and the 'Arkansas
Farm and Marketing Bulletin.' After
knowing of my qualifications and expe-
rience, if you feel that I can 'fill the
place,' you may consider the deal closed."

1,367,000 BALES NEW FORECAST

**13,931,000 Is Indicated for
U. S. Total—State Crop
Condition Declines.**

The Arkansas cotton crop declined in the period September 1 to September 16 from 69 per cent to 64 per cent of normal. This condition figure indicates a yield of 179 pounds of lint cotton per acre, and an estimated production of 1,367,000.

Correspondents have slightly decreased their estimates of bolls safe per plant. The average of their reports is now 7.7. Reporters in the southern third of the State report bolls heavier than last year; in the central part, it is taking close to ten per

cent more seed cotton to make a bale than it did last year.

Ginning figures show 284,162 bales ginned up to September 16. The season is two weeks earlier than last year, and therefore we would expect about the same per cent to be ginned by the 16th this year as was ginned October 1 last year. Then it was 21 per cent, though estimates by reporters were for 29 per cent.

Damage to crops: Rain damage since the last report was cited in Clay and Poinsett as heavy. Other counties reporting damage were Greene, Independence, Lawrence, Conway, Pope, Johnson and Yell. Six counties reported damage by leaf worm: Lee, Miller, Drew, Jefferson, Lincoln and Yell. Boll worms were reported in the following counties: Crittenden, Lonoke, Clark, Dallas, Desha and Franklin; and weevil were reported as doing damage in the following counties: Miller, Hempstead, Lonoke, Chicot, Desha and Johnson.

DETAILS BY STATES:

STATE	Area in Cultivation June 25 (Preliminary) in 000 of bales.	CONDITION		YIELD PER ACRE		PRODUCTION	
		Sept. 16 1925	Sept. 1 1925	Indicated by condition. Sept. 16 1925	Sept. 1 1925	Indicated by condition Sept. 16 1925	Final Census 1924 Ginnings.
North Carolina	2,183	62	68	242	248	1,103	825
Virginia	96	64	68	224	228	45	39
South Carolina	2,740	43	46	146	145	837	807
Georgia	3,564	53	55	137	132	1,019	1,004
Florida	115	75	72	135	125	32	19
Missouri	503	64	70	227	238	239	189
Tennessee	1,219	60	66	167	172	425	356
Alabama	3,425	64	65	148	143	1,063	986
Mississippi	3,424	73	74	202	189	1,447	1,099
Louisiana	1,916	70	67	182	161	729	493
Texas	18,237	42	43	102	101	3,873	4,951
Oklahoma	4,867	55	61	145	149	1,471	1,511
Arkansas	3,649	64	69	179	179	1,367	1,098
New Mexico	139	85	88	200	202	58	55
Arizona	163	92	92	276	262	94	108
California	170	90	90	317	314	113	78
All Other	38	75	76	.....	.....	16	12
U. S. TOTAL	46,448	53.8	56.2	143.5	141.5	13,931	13,628

ARKANSAS TEXTILE AND PAPER INDUSTRY

**Development of These Two
Would Add Much to Total
State Wealth.**

It is said that one of the South's biggest lumber mills has standing on its yard an idle incinerator which it is pleased to refer to as its billion-dollar monument to waste. For many years lumber refuse in excess of what was needed to fire the furnaces was burned in that incinerator. Instead of burning the refuse this mill now makes paper of it.

What an example this should be to Arkansas' lumber industry and what a wonderful opportunity for some one with capital and courage!

A very few years ago the matter of disposing of cotton seed was a problem. Then someone discovered that from the seed oil could be extracted. Cotton seed now is used for feeding both man and beast and the variety of its uses is constantly increasing.

Millions of dollars have been lost to Arkansas by failure to fully utilize our resources. Consider the matter of textiles. We sell our cotton at a price reduced to the extent of freight, storage, interest and exchange necessary to get it to the spinners. We pay wages of textile workers, all other manufacturing costs, freight, etc., handling charges and profits of manufacturers and distributors when we buy cotton goods. All of these charges are legitimate so long as we handle cotton in this

wasteful manner, but with textile mills right here in our midst, growers could expect to receive a price increased by the saving of freight, etc. Money paid to textile workers would be spent in Arkansas and profits earned at any stage of the business would simply add to the sum total of Arkansas' wealth and prosperity.

In the case of cotton it is simply a matter of transferring wealth and income from one section to another, but if our potential paper industry is developed it will make wealth of what is now wanton, economic waste.

NEW MAGAZINE TO FEATURE ARKANSAS

In response to the present demand for a magazine, Southern in scope but national in appeal, which will give the rich history of the past, with its ideals, traditions and memories, and also look to the future, the Dixie Magazine has been launched.

It will tell of the heroism and splendid daring of its people and to teach respect and reverence for the South's furlled flag. Southern ideals, and principles and doctrines of State rights, love and veneration for the beautiful Southland, its patriots, its heroes, its sacrifices and golden memories and its wonderful resources.

The November number of the "Dixie" will feature Arkansas, and the story of this "Wonder State," with its interesting history, matchless resources and marvelous opportunities will give to the world something never to be forgotten. Its richness of achievement, in a civic, social, industrial, educational and financial way told forcibly by strong writers will have an effect unparalleled.

1,610,455 BALES OF COTTON CARRIED OVER

**Official Census at July 31
Differs Little From
Last Year.**

The U. S. Department of Commerce Cotton Census report as of July 31, 1925, shows the total amount of cotton in the United States at that time to have been 1,610,455 bales, but a checking of reported supply against reported distribution brings the apparently inconsistent conclusion that there is 188,630 bales less than nothing on hand. This the department explains by saying that while the "city crop" was reported in distribution it was not reported in supply.

The statistics for the several items of the supply and distribution of cotton in the United States for the season of 1924-25 are presented in the following tabular statements. Number I shows the principal items of supply and distribution; Number II the comparative figures of stocks held on July 31, 1924 and 1925; and Number III further details concerning the supply and the distribution. Linters are not included.

I.—COTTON GINNED, IMPORTED, EXPORTED, CONSUMED AND BURNED IN THE UNITED STATES FOR THE 12 MONTHS ENDING JULY 31, 1925.

	(Bales)
Ginnings during 12 months	13,776,977
Net imports	303,183
Net exports	7,996,500
Consumed	6,191,349
Burned	26,000

II.—STOCKS OF COTTON IN THE UNITED STATES JULY 31, 1924 AND 1925.

	1925 (Bales)	1924 (Bales)
In consuming establishments	866,259	721,589
In public storage and at compresses	514,196	673,925
Elsewhere	230,000	160,000
TOTAL	1,610,455	1,555,514

III.—SUPPLY AND DISTRIBUTION OF COTTON IN THE UNITED STATES FOR THE 12 MONTHS ENDING JULY 31, 1925.

SUPPLY	Bales
On hand Aug. 1, 1924, total	1,555,514
Net imports	303,183
Ginnings during 12 months	13,776,977

Aggregate supply	15,635,674
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DISTRIBUTION	Bales
Net exports	7,996,500
Consumed	6,191,349
Burned	26,000
On hand July 31, 1925, total	1,610,455

Aggregate distribution	15,824,304
Excess of distribution over supply	188,630

PAPER EXPORT VALUES DECREASE

While the quantity of paper exported, according to the Department of Commerce, was greater during the fiscal year ending June 30, 1925, than during the preceding year, lower prices made value of paper exports less.

For the year ending June 30, 1925, the total value was \$23,533,643, and for 1924 it was \$24,100,269.

Arkansas possesses the biggest flowing spring in the world.

TENNESSEE EDITOR PRAISES ARKANSAS

In the editorial columns of a recent issue of the Memphis Commercial-Appeal the following was said editorially about Arkansas:

"There are not as many swamps in Arkansas as there are in Minnesota or Wisconsin. The Arkansas swamps that used to be are for the most part drained. There is no malaria worth speaking about in Arkansas now. There never was any west of the Iron Mountain railway which cuts the state about half way from north to south. The St. Francis hasin has been drained. In Southeastern Arkansas the malaria has about been done away with.

"There are more mosquitoes in Jersey than in Arkansas. More on Long Island, more in Wisconsin, more in Michigan and a blamed sight more in Indiana.

"We have not seen any official health statistics of Arkansas covering the last 10 months, but we know whereof we speak as to what we have stated.

"May we also state that Arkansas has the greatest possibilities of any of the United States in the way of minerals. It has zinc, granite and bauxite. It has great fields of coal and oil. It still has much timber. It is one of the greatest apple producing states of the country. The Arkansas peach industry is large. It is a state wherein cotton is grown, a great part of it being long staple.

"It produces corn, considerable wheat and oats and enough rice to keep every man, woman and child in the United States in food for one month.

"Of course, the people of Arkansas suffer from what the people of most of the United States suffer from. They do not take advantage of what they have. That is not the fault of Arkansas. That is the fault of the whole country.

"The chief fault of the American people is that they do not work at gainful pursuits. They ride trains, motor cars, keep filling stations, sell soft drinks. Some of them do a little bootlegging and a lot of them follow politics and other occupations in which somebody makes a living out of somebody else."

THE STATE OF ARKANSAS The Counties in Rhyme.

By S. H. MACK,
Carlisle, Ark.

The following "poetry" is suggested as a splendid way in which to teach school children to name all the 75 counties of the state:

Benton, Washington, Madison, Stone,
Carroll, Marion, Baxter, Boone,
Crawford, Franklin, Johnson, Pope,
Sebastian, Logan, Yell and Polk,
Montgomery, Garland, Perry, Monroe,
Hot Spring, Saline, Grant, Chicot,
Izard, Fulton, Randolph, Clay,
Lawrence, Sharp, Green and Desha.

Craighead, Poinsett, Mississippi,
Crittenden, Cross and Pulaski,
Hempstead, Clark, Nevada, Sevier,
Lafayette, Miller and Little River,
Columbia, Independence, Dallas, White,
Calhoun, Union, Bradley, Pike,
Ashley, Lincoln, Cleveland, Lee,
Jefferson, Monroe and Prairie.

Faulkner, Newton, Van Buren, Searcy,
Howard, Phillips, Woodruff, Conway,
Lonoke, Scott, Cleburne, Ouachita,
St. Francis, Jackson, Arkansas,
Railroads in every county in the state
Save Newton, Jasper is the county seat.

FARMERS' EXCHANGE

TOWN PROPERTY FOR SALE.

FOR SALE—Cafe, south side of Mena; known as Wallace Cafe; good location; plenty country trade. A. J. Rhodes, Mena, Ark.

FOR SALE—Good six-room house, barn, garage and outbuildings, in good town of 2,000; four lots and 40 acres of good new land. Account of old age will take \$3,300. Mrs. L. B. Miller, Beebe, Ark.

LIVE STOCK FOR SALE.

FOR SALE OR TRADE—Shropshire ram, excellent fleece, good weight and condition; prefer exchange for a three-year-old Shropshire ram. Hubert P. Finger, Gayeta Lodge, Fayetteville, Ark.

FOUR DUROC SOWS—Pure bred; two bred to bring pigs November 10. \$50 each. Two are ready to breed in three weeks. \$40 each. C. W. Pickens, Letona, Ark.

FOR SALE OR TRADE—One Jack. W. C. McCarley, Gillham, Ark.

POULTRY AND EGGS FOR SALE.

BARRED PLYMOUTH ROCKS—Pure aristocrats. W. D. Haulterman strain. Cockerels, \$2; pullets, \$2. Miss Virgie Young, R. 1, Box 46, Waldron, Ark.

S. C. WHITE ENGLISH LEG-HORNS—Barron strain; hens, \$1 each; cockerels and pullets, 75c and \$1. Barred Rock cockerels, 75c and \$1 each. Mrs. D. C. Davis, R. 1, Pangburn, Ark.

SINGLE COMB BROWN LEG-HORN—Cockerels, fine strain. Must re-

duce to proper number my flock requires; will be sold at bargain prices while they last—\$1.50. H. J. Riggs, R. 2, Box 98, Fort Smith, Ark.

PURE BRED ANCONA COCKERELS—Five two-year-old Ancona hens; will trade for a good Edison phonograph and records. Mrs. Edith C. Brackett, Alpena Pass, Ark.

MISCELLANEOUS.

RYE SEED—Yield 34 bu. per acre. Price \$2 per bushel. Jackson Crouch, Hazen, Ark.

APPLE TIMBER FOR SALE—For prices write, J. E. King, Pottsville, Ark.

FOR SALE—130-egg Queen incubator; in good condition. Price \$18 f. o. b. Dermott, Ark. Mrs. F. E. Dunmire, Box 195, Dermott, Ark.

WANTED—Farm to manage; years of experience on stock, grain and dairy farms; healthy locality; salary or profit-sharing basis. G. D. Landers, 541 22nd St., Rock Island, Ill.

FOR SALE—Small saw and planing mill outfit, complete; one million feet timber, mile from railroad; sacrifice price for quick sale. M. Huey, R. 1, Hot Springs, Ark.

WANTED—Disc tractor plow for Fordson. H. C. Short, Bluffton, Ark.

WANTED—Place to make share crop; cultivating 30 acres of cotton this year beside hay crop; must be good cotton land. Mrs. K. V. Stratton, Searcy, Ark.

WANTED—Small farm in Ozarks not far from town; 40 to 80 acres; must be in good free range, not thickly settled. Write what you have, giving price and terms in first letter; also full description. B. J. Fields, Grubbs, Ark.

30 to 40 acres good hill land, with improvements. N. C. Burrough, R. F. D. 1, Hot Springs, Ark.

130 ACRES—80 acres under fence; 50 acres in cultivation; two sets of improvements. Priced right. M. C. Howell, Brentwood, Ark.

36 ACRES—On good public road; six acres in pasture; one and one-half acres set in 1,000 fruit trees, spring strawberries; good two-room house and outbuildings; two and a half miles from Decatur, half mile to school. \$3,500 for quick sale. Henry W. Lee, R. 2, Decatur, Ark.

70-ACRE FARM FOR SALE OR TRADE—Well located, near church and schools; four and half miles to railroad; seven-room house; good barn and fine water. For prices and terms, write J. A. Dilbeck, O'Neal, Ark.

40-ACRE FARM FOR SALE OR TRADE—One-quarter mile from Sunset, on No. 10 highway. For particulars, write Arthur Fields, Wheeler, Ark.

160 ACRES—About 20 acres in cultivation; 30 acres under hog-tight fence; balance in good hardwood timber; two sets of improvements; good outbuildings; plenty of water; one-half mile to state highway; close to school. Will take \$850; clear title; easy terms. Charles Frensey, Fox, Ark.

72½ ACRES—For sale or rent; 45 acres in cultivation; balance in timber; sandy loam soil easily cultivated; three-room house, outbuildings, good well water and three springs; place adjoins school and church; community thickly settled; public road through farm. \$10 per acre, or will rent; reliable parties only. A. P. Wahle, Galena, Ark.

CURRENT CROP NOTES

August 22 to September 22.

WEATHER.

Dry weather prevailed throughout the State from August 22 to September 10. In addition, heat records were broken in the period from September 2 to 10, temperatures throughout the State running from 100 to 108 degrees. Scattered showers set in on the 11th, ending in some heavy downpours on the 14th, since which date the weather has been generally favorable for farm work.

CORN.

The hot, dry weather practically matured the corn crop, except very late corn on bottom land, which late rains have improved. Corn production was estimated on September 1 at 35,789,000 bushels for the State. This is the third successive short corn crop for the State. The need of a radical revision in cultural methods generally employed is emphasized by these continued low yields of about 16 bushels per acre.

RICE.

With a prospective crop of about 8,000,000 bushels, Arkansas will produce about 23 per cent of the nation's crop. With a short Asiatic crop, our price of \$1.50 to \$1.75 per bushel will make good money, provided weather permits harvesting and threshing under average conditions. The northern counties bid fair to average better than 60 bushels per acre. Harvesting is progressing rapidly.

HAY.

Hay yields may be the lightest in many years due to long continued dry hot weather. The present prospect is for four-fifths of a ton per acre as against an average of slightly over a ton. The rains of the 11th to the 15th caught some of the soy bean and cow pea hay on the ground and greatly injured both quantity and quality.

SWEET POTATOES.

Sweet potato condition on September 1 was only 66 per cent of normal, but this

CANNERS TO MEET AT FAYETTEVILLE OCT. 28

Will Organize to Assure Profit to Both Canners and Growers.

That the canning industry in Arkansas, through lack of organization and standardization, is failing to profit as it should is the conclusion to which Commissioner W. N. Wilkes has come after a careful study of the industry.

It is the Commissioner's belief that in a convention of canners some plan of co-operation would be evolved which would assure the permanency of the industry. "I am interested in this problem of the canners," Mr. Wilkes said, "because I know that unless they make money they must quit, and that means heavy losses to the growers who are now supplying these plants."

The actual business of organizing the canners and the legal problems connected therewith have been turned over to Carl E. Bailey, who will probably act as an attorney for the canners if an organization is perfected.

Mr. Wilkes has asked canners to meet in Fayetteville October 28, and has asked Mr. Linthicum, secretary of the Arkansas Wholesale Grocers' Association, and Mr. B. D. Crane, manager of the Ozark Wholesale Grocer Company, to attend. The large number of enthusiastic letters already received from various canners indicates a big attendance.

is a crop that stands drouth remarkably well, and doubtless the rains will do this crop more good than almost any other, and the next condition figure should show a much better prospect. No shipments have yet been made, though sweet potatoes are now appearing on local markets.

FRUITS.

Apples—Breaking of the drouth in northwest Arkansas was accompanied by high winds which put much of the weakened crop on the ground. This, in conjunction with worm and other injuries, may reduce shipments as much as 50 per cent and throw the largest per cent ever known of the crop into vinegar and evaporated stock. Apple growers are rather pessimistic over prospects which some time back were so promising. Shipments to September 19 amounted to 869 cars as against 809 cars a year ago.

Pears—The pear crop is exceedingly light, and there has been only one car shipped this year as compared to 29 last year. However, last year was an exceptionally favorable season.

Grapes—Grape shipments reported to date amount to 350 cars, though in addition to this amount over 50 ears were used at Springdale in the grape juice plant, and the equivalent of several cars moved in l. e. l. lots. The actual shipments fell short of early estimates, drouth being the restricting cause. Clusters were numerous, but berries were of smaller size.

TOMATOES.

The rains beginning with September 10th have also revived the tomato plants in northwest Arkansas. Canneries which had made preparation to close are now extending their operations. There have been 94 carloads shipped to date in comparison with 37 last year, and there are a great many more carloads canned which will be shipped later.

FARMS FOR SALE

FARMS AND LANDS FOR SALE.

160-ACRE FARM—or 80 acres; 40 acres in cultivation, good bottom land, open range, on good road, near good school and church; buildings fairly good; four miles from town. Price \$22 per acre. E. B. Rorie, Bigelow, Ark.

90-ACRE FARM FOR SALE—70 acres in cultivation, good bottom land and does not overflow; wire fence; house and barn. \$60 per acre; half cash, balance easy terms. T. B. Worrall, Brookland, Ark.

FOR SALE OR EXCHANGE—100-acre farm, five miles Lincoln, Ark.; 600 bearing grapes; four acres in strawberries; two good wells of water; close to school. W. E. McDonald, Lincoln, Ark.

40-ACRE FARM—Southwest Hot Springs; 10 acres in young orchard, vineyard, etc.; 12 acres in timber; balance in cultivation; house and outbuildings; on good road; close to school and church. N. C. Burrough, R. 1, Box 166, Hot Springs, Ark.

50-ACRE FARM—All in cultivation, one mile west of Flat Rock, two miles east of Fairbanks. All level and easily cultivated; good cotton land. Price \$700. W. R. Ray, R. 2, Box 41, Quitman, Ark.

300-ACRE CREEK BOTTOM FARM—Five room house, three tenant houses, barns and outbuildings; good water and pasture; one pair young mules, one pair horses, wagon and all farm implements go with place; blacksmith shop and tools; six miles east of Nashville. \$40 per acre, easy terms. W. P. Lewis, R. 2, Bingen, Ark.

80-ACRE VAN BUREN FARM—

Good house, barn, orchard, meadow and water; healthy location. \$600, or will take good car part payment. W. B. Gardner, Cleveland, Ark.

40-ACRE IMPROVED FARM—New four-room frame house, two barns and outbuildings; plenty good water; two acres in orchard; three and one-half miles from town of 2,500. Price \$3,000; part cash, balance easy terms. Leon Lemmons, Pocahontas, Ark.

60-ACRE ARKANSAS FARM—25 acres in cultivation; balance tillable; four-room house, good outbuildings, new barn; plenty water; family peach orchard; blackberries and dewberries; close to school; on dirt road two and half miles north of DeWitt. Cash price, \$2,200. Warner France, R. 2, DeWitt, Ark.

480-ACRE SHEEP RANCH—320 acres in good oak and hickory timber; 25 acres in cultivation; large house and barn, on good public road, five miles from Missouri Pacific R. R. Price \$8 per acre, with some terms. W. W. Shaver, Wynne, Ark.

130 ACRES—65 in cultivation; balance in good timber; could be cultivated; some pasture, three good springs, plenty of out range; two sets of houses and barns; good orchard; near school and church; two and one-half miles of market and close to Jefferson highway. \$1,500, or will take good Ford car or truck. J. C. Robinson, Hasty, Ark.

FOR SALE—110-acre farm in fruit belt; nine miles from Clarksville, Ark. H. W. Krans, Ozone, Ark.

40-ACRE FARM—10 acres in orchard, grapes and berries; good three-room house; small barn and chicken house; eight miles southwest of Hot Springs on Big Lake. Also have two other tracts of

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11, NO. 10.

LITTLE ROCK, ARKANSAS

NOVEMBER, 1925

LAND BANK NOW HAS ARKANSAS BRANCH

**Loans Will Be Made Direct
to Arkansas Farmers
at Low Rate.**

ANNOUNCEMENT is made by L. L. Beavers, president, that an Arkansas Branch of the St. Louis Stock Land Bank has been opened in the banking quarters of the Federal Bank & Trust Company, Seventh and Main streets, Little Rock, Arkansas, in order that Arkansas land owners who are prospective borrowers may get in closer touch with the institution and have access to the same facilities as would prevail if a bank of this character had its principal office in Little Rock.

Big Loans Made Here.

Mr. Beavers said, "The St. Louis Stock Land Bank was organized in 1922 and for the past three years has annually loaned in Arkansas two million dollars, the present loan value in this state aggregating six million dollars. The Bank has just completed arrangements for the consolidation of the Greenville Joint Stock Land Bank of Greenville, Illinois, and now has assets of \$21,600,000 with capital and surplus of approximately \$1,500,000 and actual loans made to farmers in Missouri, Arkansas, Illinois and Indiana amount to \$20,000,000.

No Red Tape.

"There are a great many things about a Joint Stock Land Bank that are not known to farm and plantation owners for the reason that the Federal Farm Loan System is comparatively new and was not established until 1917," he said. "A large number of Arkansas farms are mortgaged for 40 per cent of their value to some local bank or one of its customers, or a mortgage loan company and the borrowers are paying interest at a rate of 8 or 10 per cent

(Continued on Page Two.)

Deep Plowing.

Merely scratching the surface—whether it be the surface of our job, our friendships or our land—will never get any of us very far. Deep plowing for Better Crops receives this interesting comment from Arthur Brisbane in the San Francisco Examiner:

"A valuable bust of George Washington is turned up by the plow of a New Jersey farmer plowing deep. Even more valuable things, namely, better crops could be turned up if the plows could go deeper into the soil. The old German law, as you read in the second part of Faust, gave the farmer any treasure turned over by his plow. If he dug and found treasure it belonged to the emperor. But whatever his plow turned up was his. That was wisely planned to encourage deep plowing."—*Better Crops.*

HOT SPRINGS MOST POPULAR RESORT

**Had More Visitors Than Any
Other, Says Official
U. S. Report.**

THE scenic lures of the country's national parks and monuments drew a record breaking number of visitors during the park season this year up to September 30. By actual count of the interior department, announced today, 2,073,783 persons included the government's playgrounds areas in their summer excursions. The department compared this with the 1923 total of 1,493,712 to show an increase of 39 per cent in the two years.

Hot Springs, Ark., proved the most popular of the national parks this year with 265,500 visitors and Rocky Mountain park was second with 233,912.

Yellowstone had 154,282 and Yosemite 209,166.

BIG EXPOSITIONS WILL CONTINUE

**Rice Carnival and State Fair
Gorgeous—Rain Cuts
Attendance.**

SOME one once referred to the "pure cussedness of inanimate things," and all Arkansas had reason to agree to that statement during the past month. For weeks dry weather had been the bane of existence. The week of the Stuttgart Rice Carnival and the week of the State Fair were the two occasions on which dry weather would have been appreciated—and we had plenty of rain.

The rain did not keep the events from being the most gorgeous in the history of each. Practically all programs were carried out as scheduled. Even the horse and automobile races were staged in a veritable wallow of mud at the State Fair. Attendance at both expositions was held down to a sickening few, and while nothing has been said officially about the loss at Stuttgart, State Fair officials say that the State exposition sustained a loss of \$10,000.

In a vain effort to recoup some of the loss, the State Fair was continued two days beyond schedule. The total attendance was placed at about 107,000, and those in position to judge say that if fair weather had prevailed the attendance would have been more than 225,000.

Many public spirited newspapers and others to whom the fair became indebted have graciously announced that they will not expect the Fair Association to pay.

Arkansas has one of the finest fair grounds in the United States, understands the value of the fair, and wants it to continue. Fair officials are already making plans for a big fair next year, and have given it to be understood that, any rumors to the contrary notwithstanding, Ark-

Farm Population Decreases

The farm population of the United States decreased approximately 182,000 during 1924, according to the estimates based on a survey of 25,000 representative farms recently. This is a drop of 0.6 per cent during that year, the estimated farm population on January 1, 1925, being 31,134,000 compared with 31,316,000 on January 1, 1924.

ansas will have a bigger and better fair in 1926.

Six trucks were required to transport the exhibit of the Department of Mines, Manufactures and Agriculture, and Commissioner Wilkes states that even though the attendance was comparatively small he is satisfied that money spent was well invested, and that he will be there with a big exhibit again next year.

COMMISSIONER WILKES IS HIGHLY PRAISED

**Many Other Valuable Phases
to Sharpe Dunaway's
New Book.**

"WHAT a Preacher Saw Through a Keyhole in Arkansas" is the "catchy" title of a book recently published by L. S. (Sharpe) Dunaway, well known Arkansas writer. Instead of containing an assortment of cheap jokes, as might be inferred from the title, it contains a fine lot of historical and current industrial, agricultural, educational and political lore.

Mr. Dunaway took occasion therein to deliver himself of the following about Commissioner Wilkes, under the heading, "Bill Wilkes, 'Dirt' Farmer, Commissioner of Agriculture":

The one department of state government in which the farmers of Ark-
(Continued on Page Two.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE
W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

The Bulletin will be sent to any citizen of Arkansas
upon request without charge.

Classified Ads

Will be inserted for 5c per word.

Display Advertising

Rates will be made known upon request.
All communications about subscriptions, advertising,
copy and other matters pertaining to the Bulletin
should be addressed to Arkansas Farm and
Marketing Bulletin, P. O. Box 504, Little
Rock, Arkansas.



LAND BANK NOW HAS ARKANSAS BRANCH

(Continued from Page One.)

on these loans and are subjected to an additional cost when the loans are renewed. This is a burden that can be avoided by solvent land owners who meet their obligations promptly by simply making an application to our Little Rock office. The rest of the transaction will be handled entirely by the bank and such a transaction will not involve red tape or delay and the loan will likely be closed more promptly than through any other source," he said.

Low Rate—No Commission.

"All loans," said Mr. Beavers, "are made upon the amortization plan in amounts ranging from \$3,000 to \$50,000. The borrower repays his loan in semi-annual installments which equal 3½ per cent of the amount borrowed. As an illustration, a loan is made for \$10,000, dated November 1. The borrower pays \$350 in May and November of each year for thirty-three years, and at the end of that time both principal and interest have been paid. The borrower can pay the loan in full, or make additional payments on principal at the end of five years or any six-month period on the balance of principal carried forward and the remainder is credited to principal, and at each subsequent payment date, in making a distribution of the payment, a lesser amount is applied to interest and a greater amount to principal.

"No commissions are charged on loans," Mr. Beavers said, "and borrowers are expected to pay only the cost of appraisal and determination of title, and this cost fluctuates in accordance with the number of loans closed in a certain community at one time, or the number of farms that may be appraised by the Federal Appraiser during one visit to a community, and the length of the abstract and the necessary requirements to be met."

Payments Easy—No Agents.

"The mortgage provides that the borrower may pay his loan in full or make additional payments on principal at the end of five years, or at any six-month period thereafter without paying any fee or bonus. In other words, the borrower enjoys all the options to pay and the bank only collects the amount of the installments provided for by an amortization table prepared by the Federal Farm Loan Board until the loan is paid in full. The regular installments in connection with these loans are less than the interest rate ordinarily paid by borrowers upon loans that are secured by Arkansas farm lands. These loans are of the character that never come due and the system was conceived by Congress for the purpose of permanently financing plan-

tation and farm owners in a way that the loan can be repaid, as statistics indicate that 80 per cent of the mortgage loan indebtedness of the country is renewed—not paid. A borrower who has an amortized loan gradually pays his loan off and at the end of each six-month period he owns a greater equity in his farm, while a borrower who has a loan against his farm that matures at a given date for a definite amount, is disturbed by uncertainties involving the possibility of being unable to pay the loan when due and the loss of his land by foreclosure," he said.

"Another attractive feature in connection with securing a loan from the St. Louis Joint Stock Land Bank is the fact that any farmer or plantation owner may act as his own agent, as application will be received by the Arkansas branch of the Bank direct from borrowers," said Mr. Beavers.

Inquiries Invited.

"Our Arkansas office has been opened for the purpose of serving the planter and farmer of this State and we invite inquiries from land owners and bankers with the assurance that we have ample funds and facilities for closing loans promptly and desire an opportunity of demonstrating the service that we can render," Mr. Beavers said, "and all communications should be addressed to the Arkansas Branch, St. Louis Joint Stock Land Bank, Seventh and Main streets, Little Rock, Arkansas."

The Little Rock office is in charge of W. L. Bacon, who has been connected with The Federal Farm Loan System since its inauguration. Federal Appraiser W. P. Finch was assigned by the Federal Farm Loan Board to the Bank more than two years ago. He is entirely familiar with land values throughout the state and will be in charge of field operations and appraisements.

COMMISSIONER WILKES IS HIGHLY PRAISED

(Continued from Page One.)

ansas have a common interest is that of Commissioner of Mines, Manufactures and Agriculture. And the farmers are fortunate, indeed, in having at the head of their department a real "dirt" farmer, one who knows his duties by reason of the practical experience on the farm where he was born and grew to sturdy manhood, and where he first learned the great responsibility of citizenship, as well as coming to understand the mutual ties that bind closer the friendly relationship between capital and labor.

Our present agricultural commissioner, William N. Wilkes, has but one aim and ambition in the performance of the duties of the great office to which he was elected; and that is, to so discharge his every duty connected therewith that the farmers themselves may reap the benefits of his administration.

Sharing with them the same common interest in the affairs of the fields; bearing with them the burden of risk both as to season and to price, "Bill" Wilkes will watch the interests of his fellow-comrades with a devotion that knows no bounds, and he will champion their cause before any forum on the face of the earth—following the promptings of a heart that beats in unison with the great throbbing bosom of our rural citizenship.

In the publication of the Farmers' Monthly Bulletin, Mr. Wilkes extends a broad invitation to the farmers of Arkansas, requesting them to write letters for

publication, dealing with the various products raised in the state. He wants an exchange of ideas—an offering of individual opinion—with a view of building up a Monthly Bulletin which will prove a mutual benefit to all the farmers of Arkansas.

If "Bill" Wilkes is given the hearty co-operation of the "dirt" farmers of this state, he will be able to render a great and lasting good during his tenure of office as commissioner.

Brimming over with strength and energy and ambition, "Bill" Wilkes is bending every effort to advance the interests of those who go out in the early morn and toil until dewy eve—that great body of citizens representing the safety and strength of our "Wonder" State, and in whose homes may be found the purest patriotism that ever blessed the busy world.

When business or pleasure brings you to Little Rock, he wants you to make his office your headquarters while in the city; he wants you to feel and know that you are at home in his office—an office that belongs to the people—administered in behalf of the people, by a man that comes direct from the people.

For the first time in the history of Arkansas, our agricultural commissioner is a real "dirt" farmer. "Bill" Wilkes' knowledge was not acquired from the reading of books, but from every-day, practical experience, out in the fields where the cotton whitens beneath the stars and the morning glories twine about the old kitchen door.

FUR ANIMAL LAW BOOK PUBLISHED

"Laws relating to fur animals for the season 1925-26" and known as farmers' bulletin No. 1469, is the title of a treatise recently published by the U. S. Department of Agriculture. It should be in the hands of every one interested in hunting or trapping fur-bearing animals.

It can be secured from Superintendent of Public Documents, Government Printing Office, Washington, D. C., for five cents per copy.

The railroads carry a passenger with more comfort, more safety, and with full responsibility, 165 miles for about \$5.10. Ten cents a mile is about as cheaply as anyone can operate an automobile. Travel by railroad costs about an average of 3.6 cents a mile.

200 Rats Killed At One Baiting

New Discovery Quickly Got Them All
—Not a Poison.

A remarkable record of rat extermination is reported to Imperial Laboratories of Kansas City, Mo., by H. Stenfort of Rt. 10, Detroit, Mich., who says: "I was over-run with rats—seemed to be several hundred of them. Dog, ferret, traps and poison failed.



Tried your new virus and was rid of them all in short order. Have since found rat skeletons large and small, all over the farm."

Mr. Stenfort's experience is only typical of thousands of users of this new method of killing brown rats, mice, gophers and other rodents. Greedily eaten on bait. Harmless to humans, poultry, pets, stock, etc. Gives the pests a fever, and they die outside hunting air and water.

So confident are the distributors that Imperial Virus will do as well for you, that they offer to send two regular, full size \$1.00 bottles for only one dollar on ten days free trial. Send no money—just your name and address to Imperial Laboratories, 1646 Coca Cola building, Kansas City, Mo., and the shipment will be made at once. If at the end of 10 days you are not entirely rid of brown rats, mice or gophers, as the case may be, this trial costs nothing. This offer is fully guaranteed, so write today as you do not risk a cent.

AMAZING BARGAIN

all Wool Serge Dress

Lowest Price Ever Quoted \$7.00 Value

All Costs totally ignored. Positively the greatest of all dress bargains. This wonderful dress is of **Genuine All Wool Serge**—tested and guaranteed **100 per cent Pure All Wool**. Not a bit of cheap cotton or shoddy half wool in it. Send no money—dress will be sent **ON APPROVAL**.

First and Only \$3.98 at Time at **Worth \$7.00**

Every Lady and Miss should have one of these beautiful dresses at this marvelous sale price. Stunningly fashioned; it features genuine hand beading of brilliant beads in a pretty Lucille design. Round neck and new style set-in sleeves are now immensely popular. Long slender beautiful lines exactly like the most exclusive dresses—becoming to everyone. Tailored to perfection. Black, Brown or Navy. Sizes: 32 to 46. Misses: 14 to 20 yrs. Be quick—never again a bargain like this. **Remember—It's from GENUINE 100 per cent PURE ALL WOOL SERGE.**

Send No Money

Just your name, address, color and size that's all. When this beautiful 100 per cent All Wool Serge dress arrives—pay the postman our slashed price of \$3.98, plus a few cents postage. If you don't think you've received at least a \$7.00 Dress—return for a complete refund of your money.

Bernard-Hewitt & Co.
CHICAGO, ILL.
DEPT. A9710

FREE

The New

BORDER QUEEN

Kitchen Cabinet

Cook Book

A book that you will treasure for its many new and tested recipes and helpful suggestions for saving time and labor in in your housework.

A Border Queen cabinet in your home will lighten kitchen tasks. Note the numbered exclusive features. See the Border Queen at your dealer's.

Mail the Coupon

Border Queen Kitchen Cabinet Co., Fort Smith, Ark., Please send me FREE New Border Queen Cook Book.

Name _____

Street _____
or R. F. D. _____

City _____ State _____

Men! Let Us Send You

A FAMOUS "MARVEL" SUIT
Positively the World's biggest Bargain. Just think only \$6 69 for this handsome, stylish winter-weight suit.

LOOK! GUARANTEED FOR ONE YEAR. "Marvel Cloth" is a new wonder in suiting fabrics, absolutely SNAG, RAIN and FIRE PROOF. No fabric ever like it for service or looks. Now priced **AT ONLY \$6 69** (12.50 value).

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CURRENT CROP NOTES

Issued by Crop Estimates Bureau,
Department of Mines, Manufactures and Agriculture.
September 22-October 22.

WEATHER.

During this period, Arkansas has had excessive rainfall. It is computed that beginning September 23 up to October 20, there have been only four or five days over the State as a whole in which cotton picking could be carried on. The State has simply passed from extreme deficiency of rainfall to extreme over-supply. Heavy to killing frosts have occurred in the northern sections on the 19th and 20th, as well as in a few localities in the central part. The rest of the State has been free from frost damage.

CORN.

Some very late corn is still making, though the corn crop as a whole is matured and is very short. Probably a smaller percentage than usual has been shocked owing to its small size and dryness.

RICE.

The continued rainfall has been very hard on rice growers, causing much of the rice to fall, and rendering harvesting impossible.

HAY.

There would be further cuttings of both alfalfa and Lespedeza if the weather would clear and meadows become dry enough for the harvesting. The statistician this past week was in northwest Missouri and southwest Iowa and saw fields of alfalfa that

will still be harvested, and which had been uninjured by frosts up to that time.

IRISH POTATOES.

The fall crop of Irish potatoes will be very light. The Fort Smith district has had too little sunshine and too much rain with the result that the plants have run largely to vines.

SWEET POTATOES.

Sweet potatoes have made a great deal of improvement since the rains began, but generally are not doing well. The present condition of much of the crop is extremely sappy. In the extreme western portion of the state, the crop is better than the other sections, but the keeping quality is regarded as very doubtful.

SORGHUM.

Grinding of cane has been in progress in many sections of the State, but thus far this office has had no figures on average yields.

FRUITS.

Apples—The apple crop in northwest Arkansas is extremely disappointing. Prospects up to August 15 were for a record crop or for a crop as large as that of 1919 when it was approximately 4,500 carloads of commercial apples. The present prospects are for 2,600 or 2,700 cars. Springdale, the largest point, had expected 1,200 cars, but is doubtful if the output will exceed 350 cars there. The drouth so weakened the stems that when the rains began, it put much of the crop on the ground. Further, worms are the worst they have ever been in spite of continued spraying. In this district at least 75 per cent of the crop has been injured by worms. Some growers have stated that they will not realize the cost of spraying from their crops this year, while others have better than average crops; but the large commercial growers are generally hard hit.

Grapes—The sugar content of the Arkansas grapes this year was extremely high, running as much as 25 per cent on the average harvest. With the exception of cracking, which followed new growth, after the drouth, the grapes gave excellent satisfaction in the markets.

TOMATOES

The tomato season has just recently closed in north and northwest Arkansas. The crop was generally regarded as 55 to 60 per cent of normal.

COTTON.

A good many reports of possible abandoned acreage, due to high water or continued rains, are coming in to this office. The estimates of abandonment are usually much exaggerated. There will be some abandonment in the Cache and White river bottoms, and also in some places along the Arkansas and tributaries, but much of what was first reported abandoned will be afterwards picked. Cotton that is overflowed in many places will be a total loss.

HOT SPRINGS CHAMBER FOR STATE AD FUND

The Hot Springs Chamber of Commerce is very much interested in heralding to the world the wonders and opportunities of Arkansas. At the last meeting of the Board of Governors of the Chamber, they went on record in behalf of a movement for the creation of a state fund to be used in letting the rest of the world know about Arkansas. The organization also voted to ask the co-operation of all other local bodies in getting back of the movement.

Hartley Wootton, president of the Hot Springs Chamber and an enthusiastic booster for the state publicity fund, was

WANT ADS

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The rate of FIVE CENTS per word applies only to advertisements in these want columns. In this department advertisements must number not more than 100 words, and no ad will be printed for less than \$1.00.

In figuring cost of advertisement, each number, sign or initial must be counted as one word, address included. We cannot forward replies to advertisements appearing in the classified columns, so your address must appear.

Cash must accompany order.

Wanted.

TO ADOPT—Two girls; white; between 9 and 12 years old. Must be orphans, and preferably without any kin. Live on 200-acre farm, one mile from school. Have raised seven children; all married and gone but two boys. Will pay fare to Pollard. Address MRS. D. E. ALLEN, Pollard (Clay county), Ark. 10

Farm Products.

FARM TANNED Sole Leather. Wears twice as long. Price reasonable. Made in Arkansas, of Arkansas hides. Goods sent merchants on commission. Money's worth guaranteed. FRED KULER, Gravette, Ark. 10

Farms For Sale.

SIXTY-ACRE White county highly improved level valley farm. Well drained. All in cultivation and fenced. Four-room painted house; barns; two good wells; orchard. On big public road and mail route. One-half mile good school and church. Eight miles from railroad town. Price \$1,800, easy terms. R. E. SMITH, El Paso, Ark. 10

Miscellaneous For Sale.

MAMMOTH Candee Incubator, newest improved type. Automatic egg turner. 1,200-egg capacity. New 600-egg sections can be added as needed up to 18,000. Price \$200. Also a 250 to 350 hen size out sprouter with lamp; price \$6.00. A six H. P. Fairbanks-Morse engine with saw rig on trucks; good as new. Price \$100.00. R. E. SMITH, El Paso, Ark. 10

Fruit Trees.

FIRST CLASS Fruit Trees at reasonable prices. Leading and fancy varieties of Cherry and Plum trees a specialty. Write for prices. THE LANGFORD NURSERY, Bergman, Ark. 10-11

Poultry and Eggs.

FOR SALE—Pure Parks "hred-to-lay" strain Barred Rocks. Pullets \$1.00 each; cockerels \$2.00 each. F. O. B. Judsonia. VIRGIL MEAD, Rural Route No. 1, Judsonia, Ark. 10

SINGLE COMB White Leghorn Cockerels of heavy laying strain. March and April hatch. They produce the kind that make year around layers. Most attractive prices. J. C. KELLY, Resthaven Farm, Ione, Ark. 10

among those who attended the meeting of Chamber of Commerce presidents and managers in Little Rock recently.

Manager F. Leslie Body has been doing a great amount of research work recently and has sent out articles on the resources of the state to over one thousand newspapers and magazines in all sections of the United States. These articles have been widely published and numerous metropolitan publications have made considerable favorable editorial comment on both the article and the wonders of Arkansas.

WITTE LOG & Saw TREE Saw

Cuts down trees and saws them up FAST—one man does the work of ten—saws 10 to 25 cords a day. Makes ties. A one-man outfit. Easy to run and trouble-proof. Thousands in use. Powerful engine runs other farm machinery. Uses Kerosene, Gasoline, Distillate or Gas-Oil. Completely equipped with WICO Magneto, speed and power regulator, throttling governor and 2 fly wheels.

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GRAPE EXHIBIT CAR WILL TOUR STATE

The Agricultural Development Department of the Missouri Pacific railroad company is planning to operate a grape exhibit car during the month of December in western Arkansas. It will be completely equipped with cuttings, root stock, grafting, pruning, training, spraying, etc. A collection of spray pumps and spray materials will be on exhibition with data concerning the approximate cost of the different materials necessary. Instructions will

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O. X. Hughes of 2514 Monroe, Chicago, Ill., has perfected a new air-tight valve cap that enables auto owners to pump up their tires once and never touch them again until punctured or worn out. Leading tire manufacturers, after thorough tests, have approved Mr. Hughes' invention and banished the old theory that air escapes thru rubber. One inflation lasts the life of a tire, and tire mileage is doubled. These caps retail for \$1.25 for set of five. The inventor wants agents and will send proof and samples free. Write him today.

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be given concerning the handling of the vineyard during the different seasons of the year.

John T. Stinson, director of the department, says that he believes the exhibit will be the most instructive exhibit that could be brought to the people at this time. The wonderful success that has been obtained at Altus in grape growing brings that section prominently before the whole territory. A practical grower from Altus will be with the car. C. Woolsey, horticulturist, and E. A. Hodson, marketing specialist, both of the Extension Division of the University of Arkansas, and O. W. Rowland, agricultural agent of the Missouri Pacific, will be along during the entire trip, so that all phases of grape culture, including both production and marketing, will be discussed.

WHEN TO START INTO THE HOG BUSINESS

A reader asks if I think this is "a good time to go into hog raising." He points out that fat hogs are now selling for prices that are comparatively high and that prices are still likely to increase.

Eighteen months to a year ago, it was plain that many hogs were being produced and that the low prices would cause a great falling off in the number of hogs that would be produced in 1925. It was also just as certain then as now that if a reduction took place in the hogs produced, prices would rise, as they have. We then advised that then was a good time to start to increase hog production, when the masses were decreasing production. Of course, we knew that no one would take our advice, but would wait until prices actually increased and then it would be too late to reap the benefits of the higher prices, for it takes a year to 18 months to get started in hog raising and have hogs ready to market.

We cannot agree that this is the time to start to increase hog production—it is about a year too late. On the other hand, any time is good enough to profit by the periods of good prices.

After prices have been high for a year or more is the time to begin to reduce production, but not go out of business entirely, and when prices have been low for a year or two, that is the time to go into the business or to think of increasing production.—*Progressive Farmer.*

WARNS OF POSSIBLE CANE POISONING

Farmers of Arkansas are warned by Dr. J. H. Bux, state veterinarian, that poisoning of livestock frequently occurs due to eating cane grown during dry weather as well as second growth cane.

"Under these conditions, hydrocyanic acid may be formed," Dr. Bux, who is also head of the department of veterinary science, College of Agriculture, University of Arkansas, said. "This is one of the most deadly poisons known. A few drops will immediately kill an animal."

"Preventions consist of care in placing animals on cane pastures. If it is deemed desirable to use cane fields for pasture, it is suggested that an inferior animal be placed upon the pasture to test for poison. There is no satisfactory treatment after an animal becomes poisoned. The immediate administration of melted lard or milk may be beneficial."

COTTON CROP MAY BE 15,226,000 BALES

Arkansas Crop Estimated
1,470,000 — 9,519,784
Ginned October 18.

The total American cotton crop this year probably will be 15,226,000 equivalent 500-pound bales, according to October 18 reports to the U. S. Department of Agriculture, on condition, abandonment, probable yields and ginnings. Last year's crop amounted to 13,627,936 bales.

Cotton of this year's growth ginned prior to October 18, totaled 9,519,784 running bales. Last year 7,615,981 or 55.8 per cent of the crop had been ginned to that date.

The probable yield from October 18 indications, is placed at 164.7 pounds of lint cotton per harvested acre.

An abandonment of cotton acreage since June 25 of 4.8 per cent, leaving about 44,231,000 acres for harvest this year, is indicated by preliminary reports.

Arkansas 1,470,000 Bales.

The percentage of abandonment of acreage since June 25 and the indicated production, based on all available information on October 18 follows:

	Per cent Abandonment	Production Bales
Arkansas	2.5	1,470,000
Virginia	1.0	48,000
North Carolina	2.0	1,120,000
South Carolina	2.5	850,000
Georgia	2.0	1,120,000
Florida	1.0	40,000
Missouri	4.0	230,000
Tennessee	1.5	475,000
Alabama	1.5	1,270,000
Mississippi	1.0	1,820,000
Louisiana	1.7	860,000
Texas	9.0	4,050,000
Oklahoma	2.0	1,575,000
New Mexico	27.0	60,000
Arizona	3.7	90,000
California	1.0	130,000
All other states	2.6	18,000

About 70,000 bales additional to California are being grown in Lower California, Mexico.

Ginning Report.

The ginnings prior to October 18 by states follow:

Arkansas, 708,466.
Alabama, 1,064,222.
Arizona, 30,679.
California, 16,898.
Florida, 35,900.
Georgia, 1,051,785.
Louisiana, 683,485.
Mississippi, 1,181,282.
Missouri, 72,983.
New Mexico, 16,536.
North Carolina, 709,909.
Oklahoma, 549,272.
South Carolina, 731,690.
Tennessee, 234,672.
Texas, 2,401,460.
Virginia, 21,952.
All other states, 5,513.

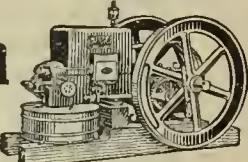
Round bales counted as half bales, included in total ginnings numbered 145,964 compared with 203,424 to that date last year.

Thanksgiving will soon be here. Have you stopped lately to think of the many things you should be thankful for this year?

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30x3	7.25 11.95 1.45	32x4 1/2	22.95 42.90 3.00
30x3 1/2	8.25 13.95 1.65	33x4 1/2	24.45 43.45 3.10
32x3 1/2	14.95 25.45 1.95	34x4 1/2	23.95 43.95 3.20
31x4	15.45 26.90 2.45	35x4 1/2	24.45 44.45 3.25
32x4	16.95 29.95 2.45	33x5	27.95 52.95 3.65
33x4	17.45 30.95 2.45	35x5	28.95 53.95 3.75

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ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11. NO. 11.

LITTLE ROCK, ARKANSAS

FEB 22 1925

DECEMBER, 1925

CARL E. BAILEY LEAVES DEPARTMENT

Commissioner Wilkes' Chief
Assistant Enters Law
Practice.

CARL E. BAILEY, who has been assistant to Commissioner Wilkes since the beginning of Mr. Wilkes' administration, severed his permanent connection with the Department of Mines, Manufactures and Agriculture November 1st. and has opened law offices at 701-5 A. O. U. W. building in Little Rock.

Mr. Bailey managed Mr. Wilkes' campaign last year. He came to Little Rock in May, 1923, as Assistant Secretary of the Arkansas Cotton Growers Co-operative Association.

Prior to coming to Little Rock Mr. Bailey was cashier of the White River Hardwood Company, secretary-manager of the Woodruff County Building and Loan Association, which he organized, and practiced law at Augusta, Woodruff county.

In addition to his legal training Mr. Bailey is also an expert accountant and journalist.

Although no longer a regular employe of the Department, Mr. Bailey has signified to Commissioner Wilkes that his sympathy and understanding of agricultural and industrial conditions in Arkansas makes him willing to perform any services possible for the Department at any time; and it is likely that he will continue to supervise most of the Department's editorial work.

PURCHASING AGENT SELLS STATE COTTON

H. A. Emerson, state purchasing agent, recently sold 707 bales of cotton grown on the state convict farms at Tucker and Cummins, receiving from 19.10 to 21 cents a pound, according to an announcement made by Mr. Emerson. More than 3,000 bales of cotton has been sold from the two convict farms this year.

Enters General Law Practice at Little Rock



Carl E. Bailey.

UNIVERSITY COW IS REAL MILK PRODUCER

Arkansas Colantha Jennie Bess—No. 747972—a Holstein cow owned by the College of Agriculture, University of Arkansas, produced 13,355.5 pounds of milk and 480.110 pounds of butter fat in a 365-day test ending in August this year, according to official figures made public by C. C. Walts, assistant animal husbandman and superintendent of advanced registry for Arkansas.

This cow was a senior two-year-old at the beginning of her test, which began on September 1, 1924. She was required to produce only 349.440 pounds of butter fat to meet the requirements for an A. R. S. O. certificate, overproducing this amount by 130.759 pounds.

THE ROLL OF HONOR.

In one great perennial privilege Americans of all classes and all conditions take unfailing pride and pleasure: It is their annual enrollment as members of the world's greatest legion of mercy, The American Red Cross. *The 1925 Enrollment is now beginning.*

The American Red Cross is the world's Good Samaritan, who freely and tenderly soothes the suffering of every race, every religion and every nationality.

"Soft peace she brings, wherever she arrives;
She builds our quiet, as she forms our lives;
Lays the rough paths of peevish Nature even,
And opens in each heart a little Heaven.
The Roll of Honor is Open! Enroll Now!"

ARKANSAS TO HAVE TWO BIG MEETINGS

Cone and Wilkes Persuade
National Association for
Arkansas 1926.

ARKANSAS will be honored by two National conventions in 1926. The National Farmers Union will meet in Hot Springs and the National Association of State Auditors, Treasurers and Comptrollers will meet in Hot Springs or Little Rock.

Our State Auditor, J. Carroll Cone, attended the annual meeting of State Auditors, Treasurers and Comptrollers at Miami, Florida, last month and with the "long distance" support of Commissioner Wilkes prevailed upon the convention to select Arkansas as the place for the next annual meeting.

Auditor Cone never does things by halves. He left here determined to bring the 1926 meeting to Arkansas, and to assure himself of success he asked and received of Commissioner Wilkes one of the Commissioner's inimitable letters of invitation. The eloquence of the Auditor and the appeal of the Commissioner's three-page letter "brought home the bacon."

These two conventions mean another opportunity to convince the outside world that Arkansas really is the "Wonder State;" and these two officials cannot be too highly commended for their action in getting them to come here.

15,298,000 BALES COTTON FORECAST

12,249,935 Already Ginned
—Arkansas to Produce
1,480,000 Bales.

COTTON production this year will probably total 15,298,000 equivalent 500-pound bales, the department of agriculture announced on November 21. A fortnight previous 15,386,000 bales were forecast. Production last year was 13,627,936 bales.

The forecast of production was based on reports of condition, abandonment, probable yields, ginnings, etc., to November 14 and upon the assumption of average crop influence during the remainder of the harvest season.

Indications point to a yield of 165.5 pounds of lint cotton per harvested acre compared with 166.4 pounds indicated from November 14 conditions and 157.4 the final yield per acre harvested last year. The indicated yield per acre and the indicated total production by states follow:

STATE	Yield per acre in Pounds	Production in Bales
Virginia	242	48,000
North Carolina	238	1,085,000
South Carolina	155	865,000
Georgia	158	1,150,000
Florida	172	41,000
Missouri	235	235,000
Tennessee	191	480,000
Alabama	186	1,315,000
Mississippi	284	1,807,000
Louisiana	227	896,000
Texas	117	4,050,000
Oklahoma	150	1,500,000
Arkansas	199	1,480,000
New Mexico	289	61,000
Arizona	286	94,000
California	370	130,000
All other states.....	246	19,000

About 70,000 bales additional to California are being grown in Lower California (Mexico). The next production report to be issued December
(Continued on Page Two.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE
W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

The Bulletin will be sent to any citizen of Arkansas
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All communications about subscriptions, advertising,
copy and other matters pertaining to the Bulletin
should be addressed to Arkansas Farm and
Marketing Bulletin, P. O. Box 504, Little
Rock, Arkansas.



15,298,000 BALES COTTON FORECAST

(Continued from Page One.)

8 will announce the revised harvested acreage and percentage of acreage abandoned, yield per acre and total production by states and will be the last report until the revision in June, 1926, after the final ginning report.

12,249,935 Bales Ginned.

Cotton of this year's crop ginned prior to November 14 totaled 12,249,935 running bales, counting round as half bales and excluding linters, compared with 11,162,235 bales to that date last year and 8,369,498 in 1923, the census bureau announced.

The total ginnings prior to November 14 by states in running bales, counting round as half bales and excluding linters, were announced as follows:

Alabama	1,241,866
Arizona	57,182
Arkansas	990,022
California	47,794
Florida	38,956
Georgia	1,145,300
Louisiana	776,586
Mississippi	1,411,680
Missouri	140,068
North Carolina	945,535
New Mexico	41,342
Oklahoma	1,007,372
South Carolina	862,231
Tennessee	342,668
Texas	3,152,458
Virginia	38,119
All other states.....	10,756

Included in the total ginnings were 216,739 round bales, counted as half bales, compared with 265,675 for 1924, and 213,494 for 1923.

The quantity of cotton ginned prior to November 14 last year was 81.8 per cent of the total crop and in 1923 to that date it was 82.3 per cent.

PUBLIC URGED TO "MAIL EARLY"

The annual Christmas appeal to "mail early" was issued by Postmaster General New along with plans to expedite service. the service.

The people of the United States, he said, have it within their power to adjust the enormous holiday burden on clerks and carriers so that these too may enjoy the season.

CURRENT CROP NOTES

October 22-November 22.

Issued by the Bureau of Crop Estimates, Department of Mines, Manufactures and Agriculture.

WEATHER.

The excessive rainfall which continued up to about November 8 completely flooded rice and cotton fields in the eastern part of the State. After that date light rainfall occurred, the flooding conditions subsided, and during the past week or ten days, threshing of rice has been resumed and cotton picking has gone forward rapidly.

CORN.

Corn harvesting was at a standstill due to wet weather, but during the last week has been resumed and not much of the crop now remains in the field. The crop is one of the most unsatisfactory in years; the merchantable quality being much below average as is also the yield.

FALL OATS.

There has been a decided increase in fall oats in the rice territory, and in some parts of southeast Arkansas. The shortage of corn has stimulated seeding in this section. In other sections of the State the amount seeded is less than it has been during the past two years. The crop is generally looking fine.

RICE.

Harvesting has been completed under difficulties—much of it being done on very wet land. During the past week, or beginning about the 15th, threshing has been resumed and is now progressing rapidly. Threshing operations reveal that Early Prolific has been considerably damaged in shock, but such reports as thus far have been received on Blue Rose indicate little damage. Reports on Honduras from Phillips county indicate a yield of about 60 bushels.

IRISH POTATOES.

No new report.

SWEET POTATOES.

Sweet potatoes in eastern Arkansas are turning out only about 75 bushels per acre, and the loss from frost has been large; though in northwest Arkansas the yield was running over 100 bushels per acre. Probably 30 per cent of the crop will be marketed.

HAY.

One large plantation in Lee county has saved four bushels per acre of Lespedeza seed from cuttings this year. Rains have greatly interfered with final light cuttings of this crop, and much of it will not be harvested.

SOY BEANS.

Laredo Soy Beans for hay suffered much loss from first drouth and then rain, and the same may also be said for cowpeas.

APPLES.

The apple crop is turning out better than expected a month ago, though not up to earlier promises. Up to November 14, a total of 2,854 carloads has been shipped as against 3,041 for the same date last year.

The cost of harvesting and storing feed in the farm of silage is the cheapest a ton of any crops harvested.

OUR BIG BOLL DELFOS

26 Bales on 10 Acres—90 Bales on 55 Acres

Results of one of our Customers

Seed for Sale, \$7.00 per 100 lbs.; \$125 per ton.

HOLLOMAN SEED COMPANY, Inc.

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Please mention this Paper.



YOU may never know—it drains your profits like a leaking faucet and robs your plants of the yield that should be yours.

A few years ago, it carried away 4 to 5% of the total cotton crop and in some fields the destruction reached as high as 50%—cutting crops in half.

Many authorities agree that the most common causes of cotton rust are: lack of humus in the soil, poor drainage, and potash hunger. The better treatment you give your soil—the more you safeguard your income.

The United States Department of Agriculture, in Farmers' Bulletin 1187, recommends the following: ". . . supply vegetable matter to the soil. Use fertilizers containing potash. Drain the wet fields."

Put a little more time and care in the preparation of your soil—and don't guess with fertilizers. In the Bulletin mentioned above, the United States Department of Agriculture recommends: "The use of kainit at the rate of 200 lbs. per acre, or 50 lbs. per acre of muriate of potash, or the application of other potash-containing fertilizers . . ."

On this basis at least 600 pounds per acre of a high analysis complete fertilizer containing 4% potash, or 400 pounds if the potash content is 6%, are required to supply the necessary potash. If the losses from rust are heavy, larger application per acre may be used to advantage.

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PURE-BRED Poultry, Turkeys, Ducks, Geese, Pigeons and Canary Birds. Write your wants. MILLER & MILLER, Freedom, Okla. 11-12

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ATTENTION, renters and share croppers, a real opportunity to own your own home. You don't need cash to buy these fine cut-over lands. Lawrence County, Arkansas, 10,000 acres of the best soil to select from. Come and see for yourself or write for particulars to either Land Dep't. Lesser-Goldman Cotton Company, Owner or Dowell Land Co., Local Agents, Walnut Ridge, Ark. 11-12

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FIRST CLASS Fruit Trees at reasonable prices. Leading and fancy varieties of Cherry and Plum trees a specialty. Write for prices. THE LANGFORD NURSERY, Bergman, Ark. 10-11

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Cuts down trees and saws them up FAST—one man does the work of ten—saws 10 to 25 cords a day. Makes ties. A one-man outfit. Easy to run and trouble-proof. Thousands in use. Powerful engine runs other farm machinery. Uses Kerosene, Gasoline, Distillate or Gas-Oil. Completely equipped with WICO Magneto, speed and power regulator, throttling governor and 2 fly wheels. Easy to pay only a few dollars down and take a year for balance of low price. Make your own terms. One-profit—sold direct from factory to you. Just send name for full details, pictures and low prices. No obligation by writing. Or, if interested, ask for our Engine, 3-in-1 Saw Rig or Pump Catalogs. All Free. Witte Engine Works 8577 Witte Bldg., Kansas City, Mo. A577 Empire Bldg., Pittsburgh, Pa.



NEW DISCOVERY MAKES HENS LAY

New Tablets Crushed in Drinking Water Act Directly on Egg-Laying Organs With Amazing Results.

You can now render your entire flock productive and "cash in" on winter eggs at high prices. Every hen or pullet generates hundreds of "embryo" eggs, but in many cases these eggs remain undeveloped. Imperial Egg Maker is this remarkable new treatment is known—in addition to valuable tonic elements, contains special ingredients, which act directly on the hens' vital organs—often in a day's time. Used daily in the fowls' drinking water, these tablets soon rid your flock of expensive "loafers."

This is your opportunity to turn your entire flock into layers without delay or risking a cent. Just send your name and address to Imperial Laboratories, 5265 Coca Cola Bldg., Kansas City, Mo., and they will send you a regular full size \$2.00 quantity (season's supply for average flock), of Imperial Egg Maker for only one dollar on 10 days' free trial.

Use these new tablets as directed with the distinct understanding that if at the end of ten days your egg production has not materially increased—often doubled or tripled—this trial costs nothing. As this is a special introductory offer and fully guaranteed, you should write today.

EDUCATOR ENDORSES COUNTY UNIT PLAN

Country Children Can, Under It, Go to Home High School, He Says.

If the Arkansas legislature at the next session will establish the county as the school unit, in place of the present system of separate rural districts in the county, within five years every rural child may remain at home and receive a high school education, in the opinion of D. T. Henderson, Pulaski county school superintendent.

Under present conditions, only 3.5 per cent of the number of children enrolled in the rural districts are in the country high schools, while 34 per cent of the pupils in Little Rock are in the high school, according to Mr. Henderson. The total enrollment in the county schools is 8,394, and in the city schools, 14,463.

"As long as we have the local school district system, with the one-room school, this deplorable condition will continue," Mr. Henderson said. "Consolidation of districts will help, but many of the rural people cling stubbornly to the little school of their grandfathers. The next legislature should give the county the same school system that it gave many years ago to Little Rock and North Little Rock."

A few weeks ago, just before the meeting of the Arkansas Educational Association, Mr. Henderson explained the system of the county unit of education in an interview which appeared in the Gazette. Is Not New Theory.

"At that time, I was not announcing to our leading teachers and educators a new educational tendency," Mr. Henderson said. "Our leaders have observed for many years the remarkable progress that has been made in the schools of those states that have adopted the county unit. To the layman who does not have the time and opportunity to make a study of this question, there may be some doubt as to the successful administration of such a plan. Neither does the layman have the time to solve the problems of health. He must and does look to his physician for health directions. He should be just as willing to take the advice of his educational leaders, whom he employs to direct the education of his children."

The Arkansas Education Association at its recent session adopted a resolution favoring the enactment of an optional county unit law. The educators of the state did not debate this question. They all are agreed that in order to extend more equal educational opportunities to all of the children, the county as a unit in administration and supervision should be established.

"There are reasons for this unanimity of opinion among our educational authorities. Before wealth centers were created the people as a whole were on an equal basis. One community was as fortunate as another. Railroads had not been built; mines had not been discovered and developed; outside capital had not developed large lumber manufacturing centers; and oil and gas had not opened up great sources of wealth. When our resources were undeveloped, there was not much difference in the schools of the various communities. However, a territory surrounding some town would make it a large and prosperous community, and

immediately the country supporting such a town was cut off from any taxable wealth, thereby leaving the rural schools in the same condition, while the newly created wealth of the town or city furnished better school advantages there.

"The educational leaders also have observed that our towns and cities for many years have had only one school district embracing its limits. One Board of Education employed a superintendent, who selected the teachers. Being a professional school man, he recommended only competent and well trained teachers. The policy followed by our towns and cities in developing good schools has not been followed by our rural districts, largely because of lack of trained leadership.

"The state for many years has permitted the taxes of wealth created by all of the people to go only to those school districts in which such wealth is centralized or invested. Our agricultural production has been the source largely of the wealth of our cities, and yet the agricultural school district receives back very little for their schools.

"In order to make available to all the children a high school education, many states have made the county the unit. It is no longer a theory. The states that have adopted such a system actually are giving to the children equal opportunities for an education. One child does not receive a high school education while another child has only a few months' term in a one-room house. It is to give equal opportunities to the children of Arkansas that I advocate the county unit system."

PLANTS WITH MUSCLE ACTION.

The discovery that plants possess muscular tissue has been made by Prof. Sir Jagadis Bose, founder and director of the Bose Research Institute in Calcutta, India, we are told in a dispatch from that city to the New York Times. We read:

"In announcing the discovery at the Government House in Darjeeling last night, Sir Jagadis showed how, contrary to all current theories, the mimosa plant possesses a highly developed muscular system, which contracts when the plant is struck. He also demonstrated the effect of alcohol on plants, his chart showing first depression and then exaltation, as with human beings."

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I have an original home treatment which I want every sufferer to try without cost or obligation. I suffered for years from catarrhal deafness, head noises, and catarrh, originated a unique treatment which completely healed me after two operations had failed. I gave it to others. Many report quick relief. Thousands have used it successfully. I want to give away 15,000 free treatments this month. The results are quick and convincing. Many cases of catarrhal deafness are relieved in a week. Catarrh sufferers report relief overnight. Simply send name and address. State if you have deafness, head noises, or catarrh. Let me convince you at my expense that it relieves catarrhal deafness, catarrh, restores hearing, and stops head noises quickly. It is the best treatment I have found in 42 years' practice as an eye, ear, nose, and throat specialist. This notice may not appear again. Write today.

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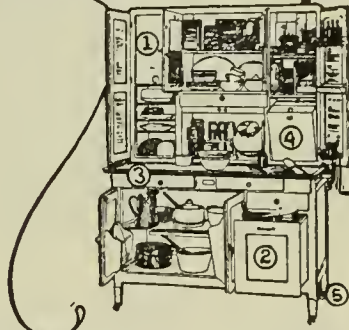


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O. X. Hughes of 2514 Monroe, Chicago, Ill., has perfected a new air-tight valve cap that enables auto owners to pump up their tires once and never touch them again until punctured or worn out. Leading tire manufacturers, after thorough tests, have approved Mr. Hughes' invention and banished the old theory that air escapes thru rubber. One inflation lasts the life of a tire, and tire mileage is doubled. These caps retail for \$1.25 for set of five. The inventor wants agents and will send proof and samples Free. Write him today.



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Just to make satisfied customers, you can buy both of these wonderful dresses for the price of one. Positively the biggest bargain we ever offered. Both dresses are made of strong wearing navy blue, wool-finish serge. One has a neat pencil stripe in the new coat effect with side sash and button trim. Popular Peter Pan collar and tie strings. The other is embroidered with silk and has turn back collar, tie strings and sash belt. Neat styles suitable for all figures and for year around wear.

SEND NO MONEY—just send letter now! When dresses are delivered pay mailman only \$2.98 and a few cents delivery charges. If not satisfied we'll return your money. Isn't that fair?

EIGHT HOUR SERVICE—YOUR ORDER SHIPPED SAME DAY RECEIVED

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PERMANENT PASTURES IN SOUTH NECESSARY

Fact Emphasized in Government Bulletin Available to Farmers.

The making of permanent pastures in the South is, or should be, one of the big agricultural problems, and now is the time to make plans for them, according to Dan T. Gray, director of the Extension Service, College of Agriculture, University of Arkansas.

"The United States department of agriculture thinks so much of this subject that it has issued a Farmers' Bulletin—1125—which deals at length with the subject of permanent pastures in the South," Dean Gray says.

"I know of no better authority from which to quote. It will therefore not be amiss to pass on a few suggestions from this publication, which is based on actual experimental and extension experience."

Here are a few facts from this bulletin that Dean Gray believes every farmer in Arkansas should know about pastures:

Permanent Pastures Again.

The United States department of agriculture has recently sent out Farmers' Bulletin 1125. A part of the bulletin deals with questions of making permanent pastures in the South. Recently we had an article of our own on the same subject, but since the making of permanent pastures in the South is, or should be, one of our big agricultural problems, and since now is the time to make room for pastures, it won't hurt to quote the bulletin at some length:

"Bermuda grass and carpet grass are the foundation of all good permanent pastures in the cotton region, the former being superior on all heavy soil, the latter in lighter sandy soils. One or both of these grasses, together with any others that promise success, should be planted in every pasture. In the South pastures should give good grazing during eight or nine months of the year and some grazing during the other three or four months. While Bermuda grass and carpet grass are superior for general use, both start slowly and when first planted should be supplemented with some kind of rye grass for a quick growth, orchard grass for woods pastures, redtop for wet ground and Dallis grass for heavy clays. Every permanent pasture should have a good proportion of legumes and of these lespedeza, melilotus, bar clover, vetch, white clover and alsike clover are the most satisfactory. Lespedeza is best for the dry clay hills and melilotus for lands rich in lime, and lespedeza, but clover and the vetches are valuable additions to Bermuda grass sod. White clover comes in naturally in every pasture and alsike clover should be sown on all wet or heavy soils.

"Wild lands will furnish a certain amount of grazing, and even when they cannot be plowed their natural condition can often be greatly improved by going over them with a heavy harrow or a disk and then seedling with forage crops suited to the conditions. To make a good pasture on land which has never been cultivated is a very slow process. Wherever it can be done it will pay to plow and harrow the ground, even where trees and stumps are so numerous that not more than half the surface can be disturbed.

POULTRYMEN SHOULD PLAN FOR SPRING

Expert Says Selection of Necessary Birds Should Be Made Now.

During the winter months is the time for the poultryman to be making plans for the spring rush, according to S. R. Stout, poultry husbandman, College of Agriculture, University of Arkansas.

"If he is in need of a male bird to head next year's breeding pen, that bird should be selected now," he said.

"The owner will find that he will get a much better bird now than if he waits until next spring to purchase it. It is 'first come, first served' with most breeders.

"In making the selection for a breeding pen, it is well to keep in mind that the male is, by all odds, the most important individual in the pen, and special attention must be given to his selection. A poor male is dear at any price. If one is breeding show birds, then it is the individual bird he must consider. The individual should always be considered, but the pedigree of this individual must also be studied, owing to the generally accepted belief that it is through the sons of heavy laying dams, rather than through their daughters, that heavy laying ability is transmitted.

"Individually, the male should possess qualities indicative of high vigor, constitutionally. A bird showing low vitality would be one in poor condition, undersized, with flat, narrow breast, knock-knees, long, narrow head, crow bill, dull eyes and low tail. Naturally, the reverse of these undesirable qualities will indicate the birds that should be used. The male should be fully up to standard size for the breed to which he belongs and good in all breed characteristics.

The Male Bird.

"Whether to use cocks or cockerels will depend on circumstances. Cocks can generally be purchased at less cost than cockerels of equal quality and may prove much better value for the money. A good male should be serviceable for four or five years, if properly cared for and not overworked. To discard him at the end of the first breeding season is to make a great mistake. This is especially true if the male has proven himself to be a good breeder. If cockerels are to be used select those that are well matured. A frequent cause of poor hatches and weak chicks is due to the use of immature birds.

"When Arkansas breeders make up their minds to use male birds in the breeding pens that are from trap-nested hens with records of 200 eggs or better, they will find that the egg production of their flocks will increase very rapidly. There are many breeders in Arkansas today who have one or more 200-egg hens. The trap-nest is the most reliable method of testing a hen's capacity, and a trap-nest record should carry a great deal of weight when selecting breeders."

Presidents Washington, Monroe Jackson, W. H. Harrison, Taylor, Pierce, Lincoln, Grant, Hayes, Garfield, Benjamin Harrison, McKinley and Roosevelt were ex-soldiers.

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In every pair goes our 15 years' experience as manufacturers of better overalls. Look up the Flyer dealer in your town.

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Look for Flyer Sign on Dealers Window and Flyer Yellow Guarantee Tag on Every Pair.

Flyer Garment Co. Ft. Smith Ark.

WANTS STAVE MILL, TIMBER AND SITE

I want to buy a large tract of oak and gum timber on which to operate a stave mill.

LEE HUDKINS,
Penrose, Ark.

This apparently celebrates a Western outdoor sport, with everything mentioned but Henry Ford. From The Ladies' Home Journal (Philadelphia):

ALONG THE OZARK TRAIL

BY H. J. KRIER

Argonaut of old am I,
Though I sail no ship, no flag I fly;
I skim along on a concrete sea
Enchanneled by strips of glistening lea
Then ho for the flap of the curtain torn,
The rattle of bolts in their sockets worn,
The crashing of tin, the odor of gas,
The horn in the fog, the lugger we pass!

Sail on, sail on, o'er the concrete sea,
With my good mates on the bridge with me
And our young crew in the wide back seat
With shining faces and clothes all neat!
Avast there, and belay!
And yo, ho, and away!
Argonauts of old are we
Who sail on a concrete sea.

\$5 Down

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Uses Kerosene, Gas-Oil, Gasoline, Distillate or Gas. Completely equipped with celebrated Trouble-proof WICO Magneto, speed and power regulator and throttling governor. Simplest and cheapest to operate. New device makes starting easy. 25% surplus power. Sizes 2 to 25 H.P.—all styles. Sold direct from factory to you on **THIRTY DAYS' FREE TRIAL** and Easy Terms. Write today for my illustrated Engine Book—sent absolutely Free. No obligation to you. Or, if interested, ask for our Log and Tree Saw, 3-in-one Saw Rig or Pump Catalogs.

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ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

SUBSCRIPTION FREE

VOL. 11, NO. 12.

LITTLE ROCK, ARKANSAS

JANUARY, 1926

Urges Early Purchase of High Grade Planting Seeds

Prominent Seed Breeder Says Use of Only Best Seed Obtainable Will Pay Big Dividend.

LOY E. RAST graduated from the University of Georgia, College of Agriculture, 1911 and later took his Master's degree after having credit for graduate work in plant breeding at Columbia, Mo., and Cornell University at Ithica, N. Y.

He had charge of the Cotton Industry Division at the Georgia College of Agriculture for eight years. He probably has done more research work with cotton seed than any one else in the cotton belt. As a result of his investigations thousands of dollars have been added to the income of the South. He has several varieties to his credit, having originated them as a result of his efforts as a plant breeder.

At present he is associated with Wilmans Brothers at Newport. At Diaz a special gin has been erected for exclusive use in ginning Acala planting seed. Connected with the gin is a warehouse for storing the seed. The warehouse is equipped with a drying system which forces air through the seed and drives off excessive moisture. This keeps them from heating and insures exceptionally high vitality and germination.

By means of an electric germinator the percentage of germination is determined with each change of the weather. These tests are conducted both before and after the seed are sacked. Before sacking the seed pass through a recleaning machine that takes out all of the foreign matter and small light seed.

Every sack of seed that is grown under the supervision of Mr. Rast has a lead seal attached. This is not so much to prevent anyone exchanging

the seed, he says, as it is to show that it is a Rast product. Mr. Rast says that he does not put any thing on the market that he would not want to plant himself and he never charges a price for his product that he would not be willing to pay if he were buying it for personal use.

When asked for an expression concerning the present seed situation Mr. Rast said:

"The planting seed situation is much more critical than most farmers realize at present. As a matter of fact, they do not begin to think about the necessary things for producing a crop the next year until after January first. Many of them fail to realize that the best planting seed are gone long before the first of February, in fact, many of the best seed farms are entirely sold out before Christmas.

"Have we forgotten the spring of 1924," he asked? "Do you not remember that almost any kind of gin-run, mixed seed brought fancy prices for planting seed? Do you expect to buy this kind of 'junk' and risk your hopes on success in the spring of 1926? If not, you had better place your order with some reputable seed grower in the immediate future for your seed requirements.

"There is no need for me to go into the details of why good seed should be planted," he said. "We all know the importance of pedigreed live stock, and most of us have long since decided that the scrub does not belong in our community. This is a good start in the right direction but it is more important that we plant good seed. We cannot afford

TELLS OF PURE SEED IMPORTANCE TO STATE



LOY E. RAST.

to take a chance of crop failure and stare failure in the face from planting time to harvest simply because we planted 'mongrel' seed. Such seed will make a poor yield and if the crop is cotton it will be uneven staple, low lint per cent and sell for a low price, whereas good seed makes a high yield, at a lower cost per pound, produces a uniform staple, and a high lint percentage that brings the top market price. One man winds up the year in debt, the other fellow has a bank account and maybe rides around in an automobile that is paid for, and does not have to buy oil and gasoline on a credit.

"Had you ever thought," he said, "that if you are making better than one-half bale of cotton per acre, an increase of one per cent in lint will pay for your good seed? Only 30 pounds seed cotton per acre will pay for your good seed. The chances are that good seed will make you at least 300 pounds increase yield per acre. Do you know that a premium of one cent per pound of lint will pay for

(Continued on Page Two.)

SEED LABORATORY DID BIG WORK IN 1925

THE annual report of Seed Analyst John E. Casey, who is in charge of the Department's seed laboratory at Fayetteville, is highly interesting. This report is for the year 1925, the second year that Arkansas' pure seed law has been in force. Mr. Casey says that 893 lots of farm seed were analyzed. This, he says, is a much larger volume than the work of 1924, and indicates a very gratifying awakening of Arkansas farmers to the necessity of pure seed. Mr. Casey says in his report that the seed samples analyzed were, on an average, freer from impurities and of higher germination percentage than the samples of 1924.

After reviewing the seed analysis work for the year and comparing it with the year 1924, Mr. Casey points out that there is a very general disposition apparent among seed dealers to comply with the law, and a very positive desire apparent among the farmers to buy only pure seed of high germination percentage.

It is pointed out in the report that the Arkansas seed law requires all planting seed to be properly tagged, and that seed for planting should not be purchased unless the lawful tag is attached. Dealers, the report says, should protect themselves, and customers as well, by buying from wholesalers and jobbers subject to delivery tagged in accordance with the requirements of the Arkansas law.

At the rate charged by commercial laboratories the analyses made by the Department's laboratory would have cost \$12,500.00, whereas the total amount appropriated by the legislature for this work was \$3,500 less than that—\$9,000.

Courtship is the moonlight of love. Marriage is the electric light bill.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by the
STATE BUREAU OF MINES, MANU-
FACTURES AND AGRICULTURE
W. N. WILKES, Commissioner
LITTLE ROCK, ARKANSAS

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Rock, Arkansas.



URGES EARLY PURCHASE OF HIGH GRADE SEED

(Continued from Page One.)

your good planting seed? Many of the
better staples bring from two to five cents
per pound more than 'Half and Half'
cotton.

"A test reported in this county (Jack-
son) by J. E. Critz, the county agent,
shows such a difference in yield in favor
of pedigreed Acala cotton over 'gin-run'
that the grower would have made money
if he had bought the Acala seed at \$35
per bushel instead of planting the 'gin-run'
seed. The farmer on whose land the ex-
periment was conducted stated that he be-
lieved he had been losing ten bales of cot-
ton a year as a result of planting 'gin-run'
seed. It is useless to state that he planted
pedigreed seed this year.

"Make up your mind now," advises Mr.
Rast, "that you are going to plant good
seed that come from a reputable grower
and consider the money you pay for them
as an investment rather than an expense,
and the chances are that you will come
out next fall with a handsome profit. Buy
planting seed by name and demand that
the results of the germination test be given
so you will know that they will come up
after you plant them.

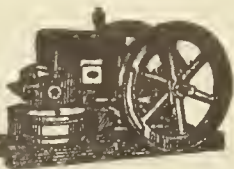
"If you buy from dealers outside of the
State you will have no recourse, but seed
purchased from Arkansas growers must
come up to the standard requirements of
our seed law.

"Buy your planting seed now, the best
seed will all be gone within the next few
weeks," is Mr. Rast's advice to Arkansas
farmers.

Mr. Rast stated that he expects to han-
dle about 60,000 bushels of recleaned plant-
ing seed next season, and in addition to
his Acala breeding farm at Newport will
have an "Express" breeding farm at Little
Rock and will breed Rowden at Texarkana.
His seed has been sold in car lots in all
parts of the cotton belt.

\$5 Down

Buys Any WITTE
Engine up to 10 H-P.



Uses Kerosene, Gas-Oil, Gasoline, Distillate or
Gas. Completely equipped with celebrated
Trouble-proof WICO Magneto, speed and power
regulator and throttling governor. Simplest and
cheapest to operate. New device makes
starting easy. 25% surplus power. Sizes 2 to
25 H-P.—all styles. Sold direct from factory to
you on **THIRTY DAYS' FREE TRIAL** and Easy Terms. Write
today for my illustrated Engine
Book—sent absolutely Free. No
obligation to you. Or, if interested, ask for our Log
and Tree Saw, 8-in-one Saw Rig or Pump Catalogs.

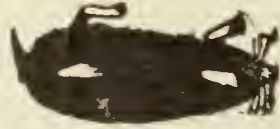
WITTE ENGINE WORKS

3577 Witte Building, Kansas City, Mo.
3577 Empire Building, Pittsburgh, Pa.

200 RATS KILLED AT ONE BAITING

New Discovery Quickly Got Them All
—Not a Poison.

A remarkable record of rat extermination is re-
ported to Imperial Laboratories of Kansas City, Mo.,
by H. Stenfort of Rt. 10, Detroit, Mich., which says:
"I was over-run with rats—seemed to be several
hundred of them. Dog, ferret, traps and poison



failed. Tried your new
virus and was rid of
them all in short or-
der. Have since found
rat skeletons, large
and small, all over
the farm."

Mr. Stenfort's experience is only typical of thou-
sands of users of this new method of killing brown
rats, mice, gophers and other rodents. Greedily
eaten on bait. Harmless to humans, poultry, pets,
stocks, etc. Gives the pests a fever, and they die
outside hunting air and water.

So confident are the distributors that Imperial
Virus will do as well for you, that they offer to
send two regular, full size \$1.00 bottles for only one
dollar on ten days' free trial.

Send no money—just your name and address to
Imperial Laboratories, 1646 Coca Cola building, Kan-
sas City, Mo., and the shipment will be made at
once. If at the end of 10 days you are not
entirely rid of brown rats, mice or gophers, as the
case may be, this trial costs nothing. This offer
is fully guaranteed, so write today as you do not
risk a cent.

CAMDEN MAY HAVE FURNITURE FACTORY

A committee composed of T. J. Gaughan,
O. L. Lide and E. W. Copeland has been
appointed by the Camden Chamber of
Commerce to procure \$14,000 for the pur-
pose of inducing the Huntingburg Furni-
ture Company of Huntingburg, Ind., to lo-
cate a branch factory in Camden. In rais-
ing the money, it is proposed to execute a
joint note with the signature of 20 Camden
business men for the required amount. This
will be provided for in the Chamber of
Commerce budget for 1926, and in a sum
sufficient to take care of the interest and
create a sinking fund of \$1,000 annually to
retire the indebtedness.

A letter from the Huntingburg Furniture
Company stated that a representative of the
company would be in Camden as soon as
possible.

Words are things; and a small drop of
ink, falling like dew upon a thought, pro-
duces that which makes thousands, per-
haps millions, think.—BYRON.

THIS \$20 NATIONAL ALUMINUM STEAM PRESSURE COOKER AND CANNER



Now you can have that much wanted
National Steam Pressure Cooker and
Canner. Never have these high-grade
Aluminum Cookers sold at such sen-
sational reductions.

ONLY 1,000 AVAILABLE AT THIS
LOW PRICE—ORDER AT ONCE

All inserts and complete instruction
on how to cook and can sent with each
National Cooker. Start now to learn
how to can your winter meats, vege-
tables, and fruits for your own use
and the market.

OTHER SIZES REDUCED
PROPORTIONATELY

Also the lowest prices ever on
National Steel Canning Retorts and
Burpee Hand Can Sealers. Equip
yourself to make big money canning
while these low prices prevail. Write
for prices and full information:

Dixie Canner Company, Dept. Z.
Little Rock, Arkansas.

OUR BIG BOLL DELFOS

26 Bales on 10 Acres—90 Bales on 55 Acres

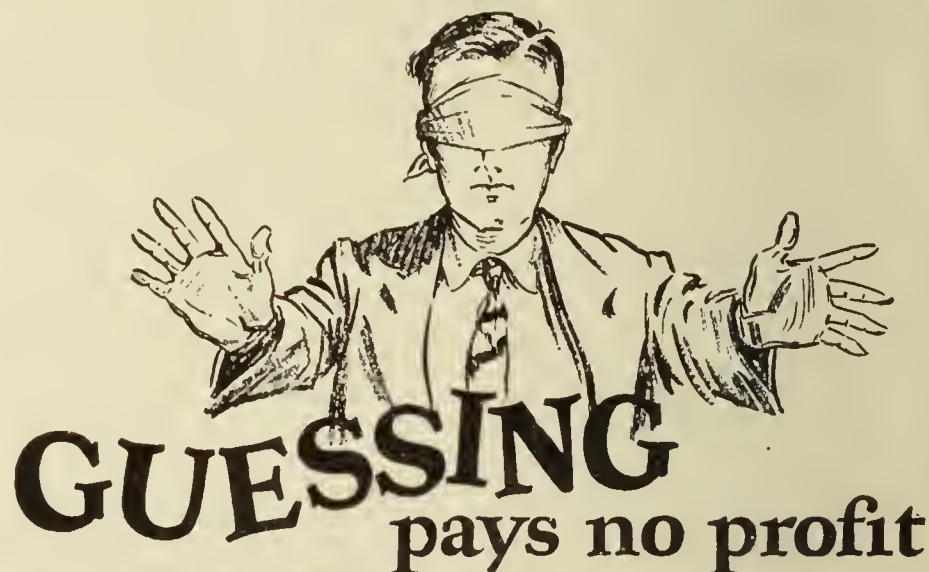
Results of one of our Customers.

Seed for Sale, \$7.00 per 100 lbs.; \$125 per ton.

HOLLOMAN SEED COMPANY, Inc.

Memphis, Tennessee.

Please mention this Paper.



SOMETIMES you can guess with
safety! When you thin paint down
with turpentine, for example, you don't
risk much in guessing because you can
tell right away when the mixture is right.

But in another kind of guessing you
can't tell the results right away and your
mistake isn't seen until your money is
spent. That kind of guessing pays no
profit. Avoid it!

When you invest your money in a
fertilizer—expecting it will pay you a good
profit—do you say: "Oh, I guess that's
a good mixture!" or do you carefully con-
sider all the facts before buying?

A good cotton fertilizer for most of our soils
should contain phosphoric acid, nitrogen and
potash. The proportions should vary according
to the needs of your particular soil.

Plenty of potash in a high grade mixture is
recommended for most soils because it helps the
plants to resist cotton rust—increases the yield—
and likewise, increases the grower's profit.

FREE—You will be interested in reading a
booklet called "Better Cotton." It shows how
many other growers have increased their profits.
You can obtain your free copy by writing to the
address below.

POTASH IMPORTING CORPORATION
OF AMERICA

Dept. I-31, 10 Bridge Street, New York
ATLANTA SAN FRANCISCO BALTIMORE
Sales Agents—H. J. Baker & Bro., 81 Fulton St., N. Y.
West of Rockies—Meyer, Wilson Co., San Francisco, Cal.

Genuine German
POTASH

WANT ADS

FOR SALE OR EXCHANGE

In this department may be advertised anything you want to buy, sell or exchange at the extremely low rate of

FIVE CENTS A WORD

Your Advertisement Is Read in Over 50,000 Families.

It is wonderful what a little advertisement in this column will do. Try it and see.

The rate of FIVE CENTS per word applies only to advertisements in these want columns. In this department advertisements must number not more than 100 words, and no ad will be printed for less than \$1.00.

In figuring cost of advertisement, each number, sign or initial must be counted as one word, address included. We cannot forward replies to advertisements appearing in the classified columns, so your address must appear.

Cash must accompany order.

POULTRY.

SINGLE COMB Brown Leghorns, Silver Spangled Hamburgs; nice pullets, \$1 each; cockerels, extra fine, \$1.50 each. W. F. Sudmeyer, Rt. 1, London, Ark. 12

PURE-BRED Poultry, Turkeys, Ducks, Geese, Pigeons and Canary Birds. Write your wants. MILLER & MILLER, Freedom, Okla. 11-12

FARM LAND FOR SALE.

ATTENTION, renters and share croppers, a real opportunity to own your own home. You don't need cash to buy these fine cut-over lands, Lawrence County, Arkansas, 10,000 acres of the best soil to select from. Come and see for yourself or write for particulars to either Land Dept. Lesser-Goldman Cotton Company, Owner, or Dowell Land Co., Local Agents, Walnut Ridge, Ark. 11-12

54 ACRES land in city limits of Russellville; 45 acres meadow, balance cultivated; ideal for dairying or truck farming; five blocks from creamery; 750 yards front on railroad; good factory site; good house; large new barn; plenty of water in summer. No trade considered. Address J. W. Cooper, owner, Russellville, Ark. 12

100-ACRE farm, 25 miles of Little Rock, near asphalt pike, 1-4 mile school and church. Fifty acres cultivated; no rocks; new buildings, lots of improvements; young orchard. Price \$2,600; part cash. C. C. Taplin, Redfield, Ark. 12

FOR SALE—Five-acre fruit and garden tract near Lincoln, Ark., with good house and barn; 2 1-2 acres in young apple trees, rest garden land. Level land, no stones. For information write, JOHN J. TOWNSEND, Lincoln, Ark. 11-12

PLANTS AND NURSERY STOCK.

300 VARIETIES Gladiolas, Dahlias, etc. Raspberry, Blackberry, Strawberry nursery stock; half price. Catalog free. J. C. Jay, Enreka Springs, Ark. 12

FIELD SEED.

SEED, FEED, HAY—Arkansas' oldest and largest field seed shippers cover the entire cotton growing section with responsible dealers. Send us your inquiries. H. K. Cochran Company, Little Rock, Ark. 12-13

JAPAN CLOVER and Carpet Grass Seeds; perpetual hay; pasturage and green manuring crops making \$150 an acre over grain annually without cultivation or reseeded. Get government facts and my cheap prices. Sidney J. Weber, Baton Rouge, La. 12-13

1926 CATALOG now ready. A complete manual for farmers, market gardeners, home gardeners and flower lovers; for dog owners, etc. Ask for your copy. Russell-Hackle Seed Company, 26 South Front St., Memphis, Tenn. 12-15

MISCELLANEOUS.

RUNNING FITS stopped or money refunded. \$1.00 prepaid. May hunt dog while treating. Safe-Sane Remedies Company, Willow Springs, Mo. 12-15

WANTED TO BUY.

THREE hundred twenty-five bushels of seed sweet potatoes. T. F. MILLIGAN, Tuckerman, Ark. 11-12

WITTE LOO & Saw

Cuts down trees and saws them up FAST—one man does the work of ten—saves 10 to 25 cords a day. Makes ties. A one-man outfit. Easy to run and trouble-proof. Thousands in use. Powerful engine runs other farm machinery. Uses Kerosene, Gasoline, Distillate or Gas-Oil. Completely equipped with WICO Magneto, speed and power regulator, throttling governor and 2 fly wheels. Easy Payments—Pay only a few dollars down and take a year for balance of low price. Make your own terms. One-profit—sold direct from factory to you. Just send name for FREE full details, pictures and low prices. No obligation by writing. Or, if interested, ask for our Engine, 4-in-1 Saw Rig or Pump Catalogs. All Free. Witte Engine Works, 8577 Witte Bldg., Kansas City, Mo. 8577 Empire Bldg., Pittsburgh, Pa.



How to Reach Joint Stock Land Bank

Since our November issue many inquiries as to how to get into communication with the Little Rock Branch of the St. Louis Joint Stock Land Bank, have been received. Those desiring information about the Joint Stock Land Bank's plan of loaning money to Arkansas farmers should write to—

Little Rock Branch
St. Louis Joint Stock Land Bank,
7th and Main Streets,
Little Rock, Ark.

SHORTAGE BOOSTS PEPPERMINT OIL

An acute shortage, resulting from unseasonable frost and heat in May in southern Michigan and northwest Indiana, where 60 per cent of the world's supply of peppermint is produced, reduced the crop 70 per cent or to approximately 250,000 pounds.

Throughout the late summer and early fall, peppermint oil steadily increased in price until it exceeded \$25 a pound. The maximum price last year was \$4 and four years ago it was \$1.25.

Gradually the growers are drifting toward a single "pool" through which they would market their oil when the demand price is highest. In several instances farmers have been known to store their oil in safety deposit boxes to await further market advances.

Manufacturers of tooth paste, candies, chewing gum, various toothache remedies and all other products which require peppermint flavoring are interested in the co-operative efforts of the growers. The normal yearly consumption is 400,000 pounds.

Peppermint plants, the oil of which is distilled from the leaves and stalks, thrives best in heavy, mucky soil, found in the lowlands along the Indiana-Michigan border. The farms usually are small—50 or 60 acres. Under normal conditions two crops may be harvested each summer.

The greatest things have need to be said most simply, the really big ideas seem simple enough and all great men impress their friends with their simplicity of thought and action.

EGG YIELD GUARANTEED TO DOUBLE IN A WEEK

Many things have been advertised to make hens lay, but W. B. Mack, the widely known poultry advisor, is the first to ever offer a premium for hens that won't lay satisfactorily after using his simple system.

Mr. Mack, whose advice has been followed successfully by thousands, recently made the following statement: "I believe that any poultry raiser can double or triple his egg yield within one week by following my simple system and adding certain elements to the feed or water. In fact, I am so sure of it you can tell the public I will send full instructions and a package of ingredients, usually sufficient to get at least 600 eggs, to anyone who will write me."

Poultry raisers who want many times more eggs need not send any money but merely name and address to W. B. Mack, 359 Davidson building, Kansas City, Mo. Full instructions and package of ingredients will be sent by return collect on delivery mail for only \$1 and postage. If at the end of one week you are not getting at least twice as many eggs, or if not satisfied for any reason, Mr. Mack will not only return the purchase price on request, but will also pay you an extra quarter for your trouble. Mr. Mack is absolutely reliable, and his sincerity is proved by his offer to actually pay a premium to anyone who is not more than satisfied.

Will Your Seeds Sprout?

BY JOHN E. CASEY,
State Seed Analyst.

More than 100 germination tests of cotton seed made by the State Seed Laboratory this Fall show that there is good reason for some alarm as to the seed cotton situation. Approximately 55 per cent of the 100 tests made is considered good for planting; 13 per cent is very poor, and 32 per cent is not fit for planting seed. Records in the laboratory show that desirable seed from this year's crop is to be had from the first pickings only, or from what was ginned before the wet weather. It is shown, also, that the cotton picked after the rains contained the seed that is unfit to plant. The 13 per cent of very poor seed ranges from 55 to 75 per cent germination. This seed is evidently from the first pickings and is perhaps immature seed.

It is common practice to sell cotton seed from the first pickings and to save planting seed from the second pickings. This year was no exception, and the seed from the first pickings was sold with the idea of saving seed from the second pickings. The rains and cold weather of October and November caused the seed remaining in the fields to decompose rapidly and by the time the cotton from this crop was ginned it had lost its germinating power. Consequently, our cotton farmers are now facing a serious seed shortage.

A few farmers have seed left over from last year, and if storage conditions have been good, this seed may be even better than that saved this year. But whether new or old seed, it will not be safe to use them until it is known whether or not they will come up. If YOU can answer the question, "WILL YOUR SEEDS SPROUT?" you know whether to depend upon your own seed or to look elsewhere for seed. If you buy seed elsewhere, you should know that the seed you buy will be worth planting. Can you depend upon your own seed, or if you have to buy, can you afford

(Continued on Page Four.)

3 FLANNEL GOWNS \$2.98

For All Three ORDER NOW! No Extra Charge for Stouts Sizes 32 to 53

MADE OF FAMOUS KOZY-NAP FLANNEL

3 GOWNS for \$2.98

SALE TO MAKE NEW CUSTOMERS

WE WANT YOU TO KNOW OUR BARGAINS, THAT'S WHY WE OFFER THIS WONDERFUL BARGAIN.

These three wonderful nightgowns are made of fine quality heavy KOZY-NAP flannel, warm and comfortable in any weather. FULL SIZE and FULL LENGTH with double front and back. Long sleeves with double cuffs. Three styles, two of them handsomely embroidered. No extra charge for stouts. SEND NO MONEY—Just send letter NOW. When gowns are delivered pay mail man only \$2.98 and a few cents delivery charges. If not satisfied we will return your money. Isn't that fair?

DEPT. 77-A-200

NORMAN ROBERTS CO.

Chicago

Special! Great Big Bundle \$1.79

16 YDS. DRY NEW GOODS \$1.79

SEND NO MONEY

NORMAN ROBERTS CO.

15,000 FREE TREATMENTS FOR DEAFNESS HEAD NOISES OR CATARRH

I have an original home treatment which I want every sufferer to try without cost or obligation. I suffered for years from catarrhal deafness, head noises, and catarrh, originated a unique treatment which completely healed me after two operations had failed. I gave it to others. Many report quick relief. Thousands have used it successfully. I want to give away 15,000 free treatments this month. The results are quick and convincing. Many cases of catarrhal deafness and head noises are relieved in a week. Catarrh sufferers report relief overnight. Simply send name and address. State if you have deafness, head noises, or catarrh. Let me convince you at my expense that I relieve catarrhal deafness, catarrh, restores hearing, and stops head noises quickly. It is the best treatment I have found in 42 years' practice as an eye, ear, nose, and throat specialist. This notice may not appear again. Write today.

DR. W. O. COFFEE, SUITE 1173 ST. JAMES HOTEL BLDG., DAVENPORT, IOWA



HAWK BRAND WORK CLOTHES

THEY WEAR LONGER

**BIG BOLL
ACALA
AND
ROWDEN
PLANTING SEED**
95% Germination
High Lint Per Cent
KEEP YOUR MONEY
IN ARKANSAS
Get My Prices



NEWPORT, ARK.

**NEW DISCOVERY
MAKES HENS LAY**

New Tablets Crushed in Drinking Water Act Directly on Egg-Laying Organs With Amazing Results.



You can now render your entire flock productive and "cash in" on winter eggs at high prices. Every hen or pullet generates hundreds of "embryo" eggs, but in many cases these eggs remain undeveloped. Imperial Egg Maker

as this remarkable new treatment is known—in addition to valuable ionic elements, contains special ingredients, which act directly on the hens' vital organs—often in a day's time. Used daily in the fowls' drinking water, these tablets soon rid your flock of expensive "loafers."

This is your opportunity to turn your entire flock into layers without delay or risking a cent. Just send your name and address to Imperial Laboratories, 5265 Coca Cola Bldg., Kansas City, Mo., and they will send you a regular full size \$2.00 quantity (season's supply for average flock), of Imperial Egg Maker for only one dollar on 10 days' free trial.

Use these new tablets as directed with the distinct understanding that if at the end of ten days your egg production has not materially increased—often doubled or trebled—this trial costs nothing. As this is a special introductory offer and fully guaranteed, you should write today.



**Greater Yield
Earlier Maturity
Bigger Profits**

Poor cotton seed is like scrub cattle—neither one pays. A crop from this seed will make real money.

**Nunn's Pedigreed
Acala #5**

Give your acres a chance to show what they will do. Write today for prices and FREE descriptive literature on Nunn's Pedigreed Acala No. 5 Cotton Seed. It is the original, pure, pedigreed cotton seed—originated, developed and perfected by us eleven years ago. And it has made records EVERY year. Thousands of farmers will answer this advertisement—our supply will be short of demand—write today.

Nunn's Pedigreed Seed & Stock Farms Inc., Porter, Okla.

WILL YOUR SEEDS SPROUT?

(Continued from Page Three.)

to risk taking a year's work on seed of unknown origin and germinating value?

It is the business of the State Seed Laboratory to help answer such questions and help settle definitely the matter of good planting seed for this year. The laboratory will make germination tests and purity analyses of seeds free of charge if samples of stocks are sent to the State Seed Analyst. The laboratory is located at Fayetteville, and is operated jointly by the Commissioner of Mines, Manufactures and Agriculture and the Experiment Station. Since the laboratory opened, 2,500 samples of farm seed have been handled free of charge. If you cannot answer the question, "Will your seeds sprout?" send representative samples to the laboratory for a test.

In addition to the free testing service, the State Seed Laboratory protects the people who must buy seed. The Pure Seed Law prohibits the sale of seed for the farm, in ten-pound packages or more, unless it is labeled, showing among other things the purity and the germination guaranty. This labeled information is reliable, or under the seed law the dealer offering the seed for sale is liable. Beware of seed that is not labeled. Look for seed that is tagged in accordance with the law. If you fail to find it, buy what you need, subject to a test by the state laboratory. If that test shows the seed no good you can return the seed and get your money back.

Will a laboratory germination test show what the seed will do in the field? Yes, it is a reliable index as to how the seed will behave in the field. It indicates the potential ability of seed to produce a good crop. The laboratory results are usually higher than those in the field because conditions of moisture, temperature and air are under control in the laboratory, while in the field the seed must take the weather as it comes, wet or dry, warm or cold. Some seed, like blue grass and a few garden seed, germinate higher in the field, but on the whole it may be said that field germinations are about 85 per cent of those found in a seed laboratory.

For fifteen years seed control stations and seed testing laboratories have developed laboratory methods for testing each particular kind of seed. Prior to this time, the work done consisted of experimental work and the study of seed selection at the point of origin. However, the science of seed testing is now highly developed and seed inspection is an established practice in 90 per cent of the states. Formerly there was no protection for the seed buying public and the unscrupulous seedsmen plied his trade unmolested. Old, dead, trashy seed was marketed in competition with the better grades and the unsuspecting farmer bought this worthless stuff, believing that he had found a bargain. He paid dearly for his experience and perhaps today is working hard to free his farm of some noxious weed that came with cheap seed.

The Arkansas seed law makes it possible for the farmer to have protection. Under it, he can have definite and reliable information regarding his seed, whether he buys, sells or uses seed of his own production. The law requires that all farm seed be labeled so that the buyer can tell whether it is desirable. If he plants his own seed, he can do it more intelligently by knowing beforehand the ability of the seed to develop into normal plants under

favorable conditions. Seed testing helps the farmer to avoid one of the hazards of crop production. The seed testing service at Fayetteville is available to every farmer who will use it, free of any cost other than postage on the seed sample.

There is another thing the farmer must know. That is the per cent purity of seeds. Purity percentage is important especially with reference to the small seeded crops. They are easily adulterated with other seed of similar appearance and the smaller seeds are likely to contain chaff and dirt which lower the purity percentage. If only 50 per cent of red clover is pure seed and it germinates 100 per cent, it is clear that the usual rate of seeding will secure only a half stand. The farmer who sows without first knowing the percentages of both purity and germination will likely get just such a stand. If he knows beforehand, he can calculate the percentage of seed that have ability to develop into normal plants. This is known as the "planting value" of the seed, and is found by multiplying purity by germination and dividing by 100. Thus red clover with purity 50 per cent and germination 100 per cent has a planting value of only 50 per cent.

Let us say that good red clover seed is worth \$24 per 100 pounds. That is, clover that is 98 per cent pure clover seed and that germinates 90 per cent. The planting value of this seed is 88 per cent. The seed whose planting value is only 50 per cent is offered for \$15 per hundred. The \$24 seed is cheaper than the \$15 seed, because nine-tenths of the former will grow clover while only one-half of the latter will do it. \$26.40 of the former is worth \$30 of the latter, and that does not consider the weed pests that may be in the low-priced seed. Good seed will be labeled and the cheaper seed likely, will have no label. It is the safe plan always to buy labeled seed and to be suspicious of that which is not labeled.

One more example of the value of the "planting value" of farm seeds. Oats germinate 90 per cent and purity per cent is 97. The planting value is 87 per cent. If a stand of two bushels per acre is wanted, the farmer must sow two and three-tenths bushels. This figure is obtained by dividing the rate of stand wanted by the planting value of the seed. If the farming public would use this one item of information in their plans for planting all the replantings would be done away with and the production at harvest time, all other factors being favorable, be increased manifold. Ask the State Seed Laboratory for both the purity and the germination percentages of small seeded crops.

The Seed Law, with its free laboratory service is looked upon as an important step in the progress of scientific agriculture in Arkansas. It does not promise to eliminate all the causes of low crop production, but a definite, systematic program of seed law enforcement and the frequent use by the farmers of the free seed testing service of the State Seed Laboratory will enable the farming public to obtain and use farm seed of known origin and planting value. It will encourage the Arkansas farmer to grow and sell, and to use, his own product. When once he realizes the far-reaching beneficial results of seed testing and seed laws adequately enforced, the farmer can be depended upon for his generous support of rigid law enforcement and for the free seed testing service.

It is the purpose of Commissioner W. N. Wilkes of the State Department of Agri-

**"YOUR PUNCTURE-PROOF TUBES
OUTWORE 2 SETS OF TIRES."**

That's the statement of S. C. Winfrey of Texas sent to D. C. Milburn, Chicago inventor of the Milburn Puncture-Proof Tube, sold only through agents. Under official test this tube was punctured 500 times without loss of air. It doubles tire mileage and eliminates changing tires. Costs no more than the ordinary tube and is sold under a money-back guarantee. Mr. Milburn is making a free tube offer to a limited number of car owners. You can write him at 334 W. 47th Street, Chicago.

ACALA COTTON SEED

2,000 bushels of Nun's No. 5 Acala seed, GINNED BEFORE OCTOBER rains. Grown from original Nun's No. 5 Acala seed. For prices write, M. L. Walt, Kerr, Ark.

culture to see that the Arkansas Pure Seed Law is enforced to the letter, and he will welcome the support of the public in his efforts to protect the farming interests from dishonest and unscrupulous seedsmen. Seed laws in other states and a Federal seed law have saved millions of dollars to the farmers of the country. The seed law in Arkansas will save thousands of dollars to our farmers in a single season.

**50,000-ACRE FARM
MAY CHANGE HANDS**

Negotiations for the purchase of the John M. Gracie plantation holdings, amounting to some 50,000 acres in Jefferson and Lincoln counties, by the Lesser-Goldman Cotton Company of St. Louis, have been under way for several weeks and well authenticated reports recently said that the deal had been virtually completed.

Reports of completion of the deal have been confirmed, but it was learned that the sale has been under consideration for a month and that if not already consummated there is strong likelihood that it will be soon.

Sale of Dresses
2 for \$2.98 only for both
Wool-Finish Serge
No Extra Charge For Stouts Sizes 32 to 53
NEWEST STYLES
MONEY BACK GUARANTEE
Just to make satisfied customers, you can buy both of these wonderful dresses for the price of one. Positively the biggest bargain we ever offered. Both dresses are made of strong wearing navy blue, wool-finish serge. One is neat pencil stripe in the new coat effect with side sash and button trim. Popular Peter Pan collar and tie strings. The other is embroidered with silk and has turn back collar, tie strings and sash belt. Neat styles suitable for all figures and for year around wear. **SEND NO MONEY**—just send letter now! When dresses are delivered pay mail-man only \$2.98 and a few cents delivery charges. If not satisfied we'll return your money. Isn't that fair?
NORMAN ROBERTS CO. Dept. 78-K-204, Chicago.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

"FOR THE FARMERS OF ARKANSAS"

MAR 3 1926 SUBSCRIPTION FREE

VOL. 12, NO. 1.

LITTLE ROCK, ARKANSAS

MARCH, 1926

PLAY SAFE DURING 1926

By T. ROY REID.

THE risks of the cotton farmer in 1926 loom large. At the beginning of the year, those things should be done which will help to spread this risk. A cotton crop such as was made last year will ruin Southern farmers. There is an immediate and urgent need for feed and food crops on the farms of this state.

Large acreages in cotton have been planted for the last two years. The larger crops which have been made have yielded less returns to the producers than have the crops which have been made during the years of normal production. "Better cotton on fewer acres and food and feed crops on the other acres" is a safe guide to follow this year. It will prevent want in case of a very poor cotton year, or in case of an unusually good cotton year. Either of such kinds of years will hurt the cotton farmer. Small production and a high price will not give the returns necessary to supply the needs of the farm. Large production and the consequent low price will not give such returns.

The farmer who grows his own food and feed and then grows cotton will not be in distress at the end of the year. The condition of the cotton market will not be a great source of worry to him. The apparently greater likelihood of damage from boll weevil this year will not be of such great concern to the farmer who has plenty of other crops coming on which are not affected by the boll weevil.

This is a year when farmers should play safe. In the long run, the man who plays safe every year, has the greatest returns for his labor. The way to play safe is to have plenty of food and feed and then grow as much cotton as can be grown and picked when it should be picked. If this is done this year, there will be a considerable reduction of acreage of cotton in Arkansas as well as in the other Southern states.

Washington Warns Of Boll Weevil

THE U. S. Department of Agriculture has issued a warning that more boll weevil are now hibernating than in any winter since 1915, and that unless unfavorable weather conditions develop, infestation will be severe this spring.

The Department studies of weevil hibernation this year were made in Louisiana, Georgia and North and South Carolina. At Tallulah, La., where records have been kept since 1915, the number of live weevils found per ton of Spanish moss, a favorite hibernating place of this pest, was 280. This compared with 16 in 1924; 229 in 1923; 137 in 1917; 133 in 1916, and 737 in 1915.

In Southern Louisiana the average was 1,581, which was described as "enormously high," while it was 430 in North Carolina, 52 in South Carolina and 39 in Georgia.

This warning should be all that is necessary. Nearly everyone knows how to deal with the weevil.

The weevil cannot damage cotton that is made before he arrives.

Arkansas has many acres of land that with intelligent cultivation would pay for the land in one season.

Commissioner Wilkes Issues Warning to Farmers

GERMINATION tests by the State Seed Laboratory this year totaling 600 samples of farm seeds, to date, indicate that most farm seeds are lower in vitality, or germinating ability, than they were last year. Corn, cotton, rice, lespedeza, soy beans and some of the grasses and clovers, all have shown lower germinating power than was found a year ago.

Whether the cause for this was the rainy season last fall or the prolonged dry weather just preceding the wet spell is not material in this article. It is enough to know that farm seed stocks in general are poor in quality and the farmer who must buy seed this spring must be careful in his purchases, or run the risk of paying high prices for low-quality seed.

Cotton seed in particular may be absolutely unfit for planting. One-third of 500 samples of cotton seed tested by the laboratory this year have tested around 25 and 30 per cent germination. Corn is running as low as 85 per cent. Rice, lespedeza, soybeans and the grasses and the clovers are all off in quality.

(Continued on Page Three.)

STRAWBERRY CROP FOR 1926

By J. A. BAUER.

OWING to the long extreme drouth last summer, the strawberry crop for 1926 in this State as well as all others this spring will be short and the prospects are that we will have higher prices than for some time. As a whole after we did get rains the plants that had not died came out well and will make a fair crop, but many hundreds of acres died in blocks. I know of fields where there are not as many plants left as was set last spring. This condition prevails all over the United States and the crop is bound to sell for good prices this spring if we have weather conditions so we can harvest properly.

From White county district most all berries shipped this spring will be of the Klondike, or Improved Klondike, varieties and the prospects right now with proper season there will be 60 to 75 per cent of a crop or small increase over last season's crop. In the many years Judsonia has grown berries we have never failed to make a profit for our growers, and many times they have reaped a great harvest in dollars from their berry crop.

This is the logical year to set berries. The prices will be higher next season again owing to the fact that in many sections where they grow the Aroma, it will not have enough plants to set the increased acreage they desire to plant, so for Arkansas and White county we advise them to set lots of berries, cut down that cotton crop and grow a crop that never fails to make a profit. The plants can be bought of the Improved Klondike at a fair price and it will require about 7,000 plants per acre and you can buy them in lots of 50,000 or more for about \$2.50 per thousand, f. o. b. shipping point. The lowest average you may expect in return is \$75 per acre from your fruit and most all years from \$100 to \$150 per acre. Some have made \$500 per acre many times from berries. Let us show the cotton factors we can produce other money crops than cotton and so help our Wonder State to show up better. Any questions pertaining to berries will be answered with pleasure.

California Yesterday, Florida Today, Arkansas Tomorrow

Is a statement amply justified by the opinion of many who had opportunity to view in an unbiased manner our resources—were they properly presented to the desirable homeseeker.

The eyes of America are now turning to Arkansas and we expect to see proven soon, the old adage, "That he who laughs last, laughs best," as the nation apparently has decided to weigh in future our claims in scales of Justice and not measure them by terms of ridicule, as those who know, treat ridicule as ignorance, for Arkansas has innumerable things to be proud of and nothing to apologize for.

By reason of limited funds this Department cannot properly present to all inquiring prospects our many advantages and as a result we appeal to the various Chambers of Commerce, Real Estate dealers and citizens to assist us.

On page four, we list recent requests and invite you to communicate with them by mailing such data as you have available.

Later issues will carry similar lists.

W. N. WILKES, Commissioner.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES

Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, all ads will be published in two consecutive issues without charge.

Smith-Hughes Schools Are Training Real Farmers

By E. B. MATTHEW.

The normal country boy, when he reaches the adolescent age, naturally turns his thoughts to what he intends to do and be when he reaches the full stature of manhood. It is the time of life for the selection of a career. The complex civilization of the Twentieth century gives him a wide choice in this respect. It is estimated that there are something like 2,000 different ways of making a living today in this country. Therefore, this problem of choosing one of these many occupations in many instances is extremely puzzling.

It is a notable fact that this boy's experiences on the home farm usually argue against the selection of the farming occupation for his life's work. It is not altogether the long hours, the labor and the isolation that are the deciding factors in his decision. All these can be endured and are more than compensated for in the associations with growing crops, livestock, and the freedom of country life. The main argument for discarding his father's occupation from his consideration is the small monetary return received for his services. If he could see in the farming occupations a wage comparable with that offered to city employes, the drift from our rural sections to the larger centers might be at least partially checked. I raise this inquiry, therefore: Is it possible for the farmer boy, under present economic conditions, to produce this desired income?

An affirmative answer to this query may be found in the Smith-Hughes Agricultural schools of Arkansas. The schools have as their objective the making of skillfully and technically trained farmers. Young men over the age of fourteen are given instruction in the public schools by expert instructors in the latest and most approved methods of farming. These young men then make use of the knowledge thus gained in the growing of crops and the care and management of live stock on the home farm. This practice work is supervised by the agricultural instructor. Accurate records are kept on production, receipts and expenditures. Farming is placed on a business basis so that at the end of the year a statement may be rendered, showing just how much money has been made and what the hourly, daily, weekly, monthly, or yearly labor income has been. In a report of the State Board for Vocational Education to the Federal Board at Washington recently made, a few facts

may be found which should be of interest to all young men who have under consideration the selection of a vocation. This report shows that farm boys can make as much or more money on Arkansas farms by using scientific methods as they could hope to make on city jobs calling for an equal amount of training. This Federal report shows that there are 85 Smith-Hughes Agricultural Departments now operating in Arkansas with an enrollment of 3,991 students. These students farmed last year 7,564 acres of field crops, cared for 670 head of live stock and 13,141 hens. These students earned, as part of their regular school work during the year \$315,812.84. Thirty-one different crops were grown.

In this brief description it would be impossible to analyze all of the crops and give the earnings of each. It is sufficient for the showing I wish to make to take for analysis the principal Arkansas crop and the one in which the largest number of students was enrolled. This crop, of course, is cotton. There were 425 boys in the Smith-Hughes schools between the years of 14 and 21 farming this crop last year. They worked a total of 127,211 hours on their crops. They earned \$78,799.73, or an average of a little better than sixty-one cents per hour for each and every hour spent on their cotton crop. Where is the city job that could pay these young men as much? In addition to earning this money these young men were regular attendants at the local high schools and have a year's work there to their credit which will be of value to them in further increasing their earning power.

To be a successful farmer today requires training. The students in the Smith-Hughes schools are demonstrating that skillfully and technically trained farmers may earn in the country equally as much as they could hope to make in the city and at the same time have to their credit whatever additional advantages the country offers over the city as a place really to live and enjoy life.

Tick Eradication for 1926.

By JOE H. BUX.

Losses of cattle due to Texas or tick fever were reported from practically every inactive tick infested county during 1925. It is estimated that fifteen per cent of all cattle born in inactive, tick infested areas die of tick fever, having a value of probably \$100,000 annually. The cattle and calves sold or slaughtered in 1924 had a value of \$3,817,800 or \$14 a head; it is conservatively estimated that tick free beef animals command on the average \$7.50 a head more than animals grown under tick infested conditions. Since about one-third of these animals originate in inactive tick infested areas, the total derived from the sale of cattle or calves would have been much greater had it not been for the cattle fever tick.

Effective December 10, 1926, Cleburne, Crawford, North Franklin, East Van Buren and North Jefferson counties were released from Federal quarantine. All the counties north of the river are now released. Some inspections and dipping at a few vats will be conducted north of the river in areas in which the work was conducted last season, and the work inaugurated in Scott, Logan, Yell and Perry and Conway counties south of the river, comprising 3,300 square miles. In addition to the territory freed, tick eradication in the patrolling of quarantine lines and preventing reinfestation of cattle in the 42 tick free and two parts of counties acted as insurance to the some 500,000 cattle in the tick free areas, and the annual cash income of approximately \$2,000,000 annually derived from the sale or slaughter of surplus cattle or calves.

The outstanding development in increased co-operation is a reduction in the number of or absolute disposal by stock owners of large herds to facilitate cattle tick eradication. Such owners, realizing that restriction of operations for a short period will be fully compensated for when

the ticks are eradicated. Such a broad conception of responsibility toward tick eradication has not yet been fully conceived by some over-enthusiastic representatives of transportation companies, stock yards, and commission merchants. Traffic of ticky cattle is bound to increase the losses in tick infested areas and result in reinfestation of cattle in areas already freed with subsequent extensive loss of cattle and expense of eradication. The Federal government recently paid a claim of \$260,000 for cattle losses due to ticks introduced into Kansas a few years ago from Texas. Free areas will not tolerate such procedure any more than a community would tolerate the establishment of a pest house in its community for housing all the smallpox patients in the United States. The conference of Federal and State officials of eleven States engaged in cattle tick eradication in Little Rock February 8 to 10, inclusive, unanimously endorsed a resolution favoring the prohibition of movement of ticky cattle; it being patent that the traffic of ticky cattle causes reinfestation with subsequent increased expense. Attempting tick eradication and permitting the free and unrestricted movement of ticky cattle is very similar to extinguishing a fire of a burning building by adding a small quantity of oil to a portion of the burning building.

The recent conference endorsed in principle the plan of the employment of local inspectors out of State funds; this enables working groups or blocks of counties and removes inspectors from undesirable local influences. Dr. R. A. Ramsey, Chief of the Tick Eradication Division, Bureau of Animal Industry, indicated to the writer on February 11 that this is the plan of financing that is working most effectively in other states.

It is evident that the Arkansas farmer has an abiding faith in the future and with the turn of the New Year he has apparently dismissed from his mind the financial tragedy occasioned by over production and excessive rainfall of last season.

This statement is based upon the various agricultural activities throughout the State and a comparison of fertilizer shipments into the State during January, 1926, as compared with January, 1925.

During January, 1926, the movement was 2,083 tons, while for January, 1925, was 2,367 tons or 284 tons less than last year. To counteract this small loss in tonnage we find that practically 90 per cent of the 1926 movement is high grade as against 71 per cent for 1925.

Should this continue we feel that the initial statement is justified. May we forget the past with its unpleasant memories and retain only the lessons it taught us.

Recently a carload of rice, rice bran and rice polish was received at the Arkansas Experiment Station at the State University to be used in experimental feeding of poultry, hogs and dairy cattle.

The station is giving a great amount of attention to the problems of the rice industry and in addition to feeding experiments are studying rice irrigation, diseases and fertilization, while the Department of Home Economics is teaching the girl students the culinary uses of this great cereal.

The U. S. Department of Agriculture on February 24 and 25, held a two-day rice school at Stuttgart, several very prominent specialists on rice culture and problems attended and addressed the farmers.

HOMES WANTED

We have six girls and four boys, ranging in ages from five to twelve years, for whom we wish to secure homes. Also one girl, aged fourteen.

These children are healthy, normal, intelligent boys and girls. They must attend the public school, church and Sunday school, and be given such advantages that will help them to become useful and honorable citizens.

Call or Write

REV. O. P. CHRISTIAN

Arkansas Children's Home Society

**1814 West Ninth Street, Little Rock, Arkansas,
for application blanks.**

Our Children's Hospital (free to the poor) is now ready and will be opened to the sick and crippled children of the State as soon as we have sufficient funds to pay the necessary monthly expenses.

Commissioner Wilkes Issues Warning to Farmers

(Continued from Page One.)

This is another one of those years when the out-of-state seedsman will find ready market for his seed in Arkansas. The unscrupulous seedsman will take advantage of the situation and sell a lot of "bootleg" seed to the unsuspecting buyer of farm seed. The year 1924 will be remembered by a good many cotton farmers in Arkansas as the year when they lost hundreds of dollars on "bootleg" cotton seed. The year 1926 bids fair to repeat the experiences of 1924, though the "victims" this year will no doubt be the other fellows.

But the situation is a little different now from what it was two years ago. This is the third year of the operation of the Arkansas Pure Seed Law and the unscrupulous, dishonest seedsmen have learned that the enforcement officers are on the job and looking out for that kind of seed which may bring losses to the farmers of the state. Rigid enforcement of the seed law in Arkansas this year will catch the "bootlegger" and save the farmers from a repetition of the losses sustained by them in 1924.

For example, the seed law requires that all farm seed (in ten-pound packages or more) be labeled, showing (1) Name of the seed; (2) Germination percentage with the date; (3) Purity (freedom from dirt, other seed, etc.), per cent; (4) Weed seed, per cent; (5) Name and address of the retailer or the wholesaler; (6) Where the seed was grown; (7) The name of noxious weed seeds, if any.

The farmer buying seed this spring should look for this tag before he looks at the seed. If the seed container does not have a tag attached, he should ask the merchant where the tag is. He may find out that no tag was ever attached. If no tag is in evidence, the contemplated purchase should stop right there. A lot or bag of seed that is not labeled more than likely will be seed like that which was sold in 1924 in such large quantities but which later proved to be absolutely no good. The absence of a tag is one of the surest signs of "bootleg" seed. So beware of seed that is not labeled.

The reliable seedsman is not ashamed to put his tag on the sack or other container, and in most cases he will have the tag on. Most honest seedsmen now know that the Arkansas law requires a tag and they are trying to comply with the regulations. Look only at seed that is tagged. And when you look, look at the tag first. See where the seed was grown, what its germination and purity figures are, the name and address of the seedsman putting it out, if it contains any of the noxious weed seeds (red rice, buckhorn, plantains, dock, dodder, sorrel, thistles, wild carrot, wild onion, nut grass, John-on grass and white top), when the germination test was made, etc., etc. If grown in Arkansas, so much the better. If the date of germination was made within the past six months, you can rely on it, usually. If the germination and purity percentages are high for the particular seed at hand, then you can figure on that lot being good seed. But these figures may be low, since the Arkansas law does not prohibit the lowest quality of seed imaginable from being sold, just so it is tagged. You may want a low grade of seed, because it is low in price, but don't consider buying anything that is not labeled **BUY ONLY THAT SEED WHICH IS LABELED.**

How to Tell High Grade Seeds.

Farmers who have to buy seed should be familiar with the standards of germination and purity percentages of the various farm seeds. These standards for the most important seeds in Arkansas are listed below and should be used as reference in the purchases of planting stocks:

Name of Seed	Germination %	Purity %
Cotton	85-90	98
Corn	95-98	99
Oats	90-95	99
Rice	90-95	98
Soybeans	85	98
Cowpeas	85-90	99
Sorghum	85-90	95-98
Lespedeza	85	98
Millet	85-90	99
Alfalfa	85-90	98
Red Clover	85-90	98
Orchard Grass	80	80
Timothy	85-90	98
Sudan	80	98
Redtop	85-95	75-80

A study of the outline above shows that a standard germination or purity for one seed may be low for another. Any kind of seed that is up to standard will usually cost more money than a lower grade. It ought to be so, for it takes time and expense to grow and save and clean seed in order to make of it a standard quality product. Any farmer can afford to buy the best seed but no farmer can afford to buy low quality seed. The use of cotton seed that germinates 90 per cent means a good stand of cotton and a full crop. It is a good way to make a bale of cotton to the acre, if you have the other essential factors of high yields. The use of seed corn that germinates 85 per cent means a stand of 85 per cent and a 15 per cent loss in acreage planted.

The Reason for Marketable Low Quality Seed.

Perhaps the principal reason why so much poor, low quality seed is on the market every year is the fact that a large per cent of our farmers want seed at a low price. Reliable, honest seedsmen prefer to market a good, high germinating seed, but they must meet a big demand every year for low-priced farm seed. Consequently, the seed trade carries this low quality seed as regularly as the seeding time comes. Only when the seed buying public begins to buy seed on the basis of quality instead of price altogether, will the seedsmen begin to handle only the high grade of seeds. The farmer must first realize the folly of buying low-priced seed, then our seed stocks will change for the better.

Summary.

Enumerated, the things the seed buyer should do this year are: First, buy seed that is tagged showing the seven requirements of the Arkansas Seed Law. Second, buy only from reliable seedsmen or dealers. Third, buy high quality seed stocks, buy seed that you know will come up when planted.

Use the best and be willing to pay for QUALITY. The returns from the farm will more than pay the premium we are asked to pay for the high quality product.

JOHN E. CASEY,

Analyst.

Fayetteville, Ark.

February 12, 1926.

Farmers of Greenbrier, Faulkner county, are propagating a sufficient number of strawberry plants for 250 acres one year hence.

Not the Farmers' Fault.

BY W. D. SELF.

The following timely comment appeared in a recent issue of the *Benton Courier*:

"In 1912 the estimated true wealth of Arkansas was 21 per cent greater than that of North Carolina. In 1922, just ten years later—not a generation—the estimated true wealth of North Carolina was 42 per cent greater than that of Arkansas. Something to think about."

We knew that North Carolina had been outgrowing us, but the comment, "Something to think about," caused the writer to investigate the part Arkansas farmers have played in the increase of our wealth. Not being able to find data showing the value of farm property separate for 1912 and 1922, we made a comparison from the Census reports of 1910 and 1920, which show that Arkansas' farm property, including land, buildings, implements, machinery, live stock, poultry, etc., increased in value for the 10-year period 131 per cent. The value of farm property of North Carolina for the same ten-year period increased 132.5 per cent or just 1.5 per cent more than that of Arkansas. This is proof that the farmers of Arkansas are running those of North Carolina a close race. In other words, our failure to keep up with North Carolina's fast growth is not the fault of the farmers.

The same United States Census reports show that the amount of capital invested in manufacture in Arkansas increased only 97.8 per cent in 10 years, while that of North Carolina increased 208 per cent. Here we find the real reason for North Carolina's wonderful growth. Factories are great producers of wealth. The Census for 1920 also shows that North Carolina added to the value of her products by manufacture in one year alone—1919—the sum of \$416,901,768.00. This was more than the value of all farm property for Arkansas in 1909, as revealed by the 1910 Census.

North Carolina's development of a great power system largely accounts for the vast difference in the capital invested in manufacture of the two states. The water power of North Carolina was working; our water power was idle.

An inter-connected power system made North Carolina an industrial power. The day is dawning when inter-connected power will also make Arkansas the marvel of the Mid-South in industrial growth. We have more water power than North Carolina has developed. In addition we have coal, oil and gas for auxiliary steam plants to complete a perfect power system. Recently great transmission lines have been built in Arkansas, and others are now being constructed to connect up power stations for the benefit of industries, farms and cities.

Wonderful farm lands—no better in the world—rich mineral deposits, great railroads, navigable rivers, fine highways, mountain playgrounds and a splendid climate supplemented with great power systems now furnish a sound basis for the prediction that Arkansas will soon prove to be the real "Wonder State."

The Arkansas Polytechnic College at Russellville recently finished compiling the results of thirty-two fertilizer tests with cotton for local type of soils. If applied by the farmers of that section it will doubtless be of great value, by reason of increased crops and the saving made from the purchase of fertilizer elements not needed.

Disease Disastrous to Sweet Potato Growers

The traveler in the vicinity of a certain town in northeastern Arkansas is attracted by the large number of sweet potato houses which are to be seen from the highway. Within a radius of four miles there are no less than a score of these, some of considerable size. The peculiar thing is that the fields show no sign of sweet potato culture, and that the storage houses, instead of being filled with potatoes, are used as hay barns, cotton houses, granaries and the like.

Several years ago, when prices were high, business men and farmers of that community decided that there were fortunes to be made in sweet potatoes. Accordingly, these storage houses were built, some costing as much as four thousand dollars. A large acreage went in, as high as 120 acres being planted under one man's supervision.

The season was favorable, and although commercial sweet potato growing was new to these men, they made a large crop.

However, at digging time, many of the potatoes had black, bitter spots on them, and these had to be discarded in the field. The remainder of the crop was stored.

But the black spots began to show up on the stored potatoes, also. It was the deadly black rot disease.

Only half of this crop ever reached the markets. In addition, the price had dropped to almost nothing. That was the beginning and the end of commercial sweet potato growing in that community.

Other instances could be given, just as startling, of the havoc wrought to the sweet potato industry in Arkansas by this disease. In fact, what was until a few years ago the leading sweet potato county of the state now ships only a few car loads. In this case the stem rot disease, as well as black rot, was responsible.

The unfortunate thing is that once introduced into the soil, these diseases may remain for years, and it is a hard matter to get rid of them—especially stem rot—by rotation, soil treatment, seed treatment, or any other means.

Spread is usually through diseased seed and slips. In the above mentioned case it was afterward found that the grower who had supplied seed to the farmers had had a slight infection in his fields the year before.

The Arkansas State Plant Board, by a thorough system of seed and slip inspection and certification, is striving to prevent the repetition of such catastrophes. Such inspection is not compulsory, but may be had by any grower at a nominal cost. Thanks to this system, disease free slips and seed can always be had by Arkansas farmers, and at a cost only a little greater than that of questionable, uncertified stock.

Anyone interested in obtaining certified seed for this year's bedding should write the State Plant Board, Little Rock, for the list of growers of certified seed.

Howard Lawrence a Greenbrier, Faulkner county boy, cleared—during 1925—\$466.95 on one acre of sweet potatoes. \$150 of this sum was in the form of prices offered by the Conway Chamber of Commerce.

This is one answer to the fellow who is always wondering what will become of the next generation.

INQUIRIES

W. R. Keefe, care Mrs. Carter, 7 Morton St., New York City, N. Y. Farm lands in north Arkansas.

S. M. Smith, 1504 Windsor St., Waco, Texas. Represents a group that desires to settle some where in Ark country on virgin land, suitable to fruit, berry and truck growing.

Bussel Congleton, B. 1, Lebanon, Ohio. Lands and timber in east Arkansas.

Mrs. Oma Seals, Wilson, Okla. Desires to buy 10 to 60 acres, in healthy community that is not in the mountains.

J. W. Clark, Woodburn, Ore. Desires information relative to the Ozarks.

Albert R. Ransom, Belleville, Ill. Desires information relative to Arkansas.

George F. Kaiser, 200 West 98th St., New York, N. Y. Interested in purchasing Arkansas lands as an investment.

B. C. Bruce, 208 Superior St., Muskegon, Mich. Seeks a business location; has limited capital.

Jack Hudsouth, 419 23 Iowa Bldg., Sioux City, Ia. Anxious to obtain general information about Arkansas.

Lars P. Peterson, Box 6, Dunore, S. D. Desires information regarding the Ozarks adapted to sheep raising.

S. M. Greene, Station B, Topeka, Kan. Desires information relative to land values in this state.

B. E. Duckworth, 12346-12 St., Detroit, Mich. Wishes information about land within a radius of 30 to 40 miles north or northwest of Little Rock.

Ben C. Paine, Longview, Ill. Wants to purchase a home in middle section of the state.

Frank Duff, Box 486, Casper, Wyo. The Ozark country.

L. M. Veatch, Clawson, Mich. Three families desire to move to Arkansas to get away from the cold winters of Michigan.

H. I. Cawthon, 3418 W. Hayward Place, Denver, Col. Farming and stock raising.

G. H. Tansey, Box 663, Little Rock, Ark. The Ozark section.

Fred Harker, Kennedy, Iowa. Seeks healthy location, free from malaria, in north Arkansas.

Pvt. Clair L. States, Q. M. C. Presidio of San Francisco, Cal. Interested in farm lands.

Hobart Willams, 1084 Holton St., Milwaukee, Wis. Desires to purchase a large tract of Arkansas land for agricultural purposes.

Clemence Dupuis, Sandstone, Minn., R. 1, Box 117. Interested in State lands.

F. E. Kellum, Lewistown, Mo. In land adjacent to the Arkansas river.

A. B. Riggs, R. F. D. 5, Bowling Green, Ky. Wants to buy a 100 to 160 acre farm with stock and tools.

B. F. Hensel, Mora, Minn. Wants information relative to the State as a place to live and also to spend a vacation.

J. C. Lantz, R. 1, Shelbyville, Ill. Wants information from portion of north Arkansas best adapted to an Illinois black land farmer.

F. J. Bigler, 1406 South 9th St., St. Louis, Mo. Interested in northeast Arkansas, Clay, Greene, Craighead, Mississippi, Poinsett and Crittenden.

Warren Williamson, Midwest Casoline Plant, Midwest, Wyo. Wants to correspond with lumber companies possessing cut-over lands for sale in eastern Arkansas.

W. O. Idleman, R. 4, Smithville, Mo. Is inquiring for healthy location and good farming country.

William Levy, 1403 Jarvis St., Chicago, Ill. Desires to locate near some good town with good schools, preferably in Craighead county, where can raise chickens, cows, fruit and vegetables.

J. K. Doran Land and Improvement Co., Bismarck, N. D. Has a party of emigrants who wishes information regarding fruit lands and location suitable for establishing nursery.

William H. Lewis, Box 41, Lavaca, Ark. Desires to homestead land.

Earl A. Smith, 1173 W. Mill St., Wabash, Ind. Interested in small tract of land suitable for truck, close to good hunting and trapping.

Dr. O. R. LePere, 1401 E. Patterson Ave., Kirksville, Mo. Interested in Arkansas lands.

Walter Thorp, Fayette, Iowa. Is interested in a new location.

J. H. Wooldridge, 2119 Scott St., San Francisco, Cal. Wants information regarding lands suitable for ranch.

Walter Nash, 310 Virginia Ave., Effingham, Ill. Wants to move to Arkansas and buy a home.

Arthur C. Wade, L. Box 52, East Lempster, N. H. Desires information relative to the Ozarks, as he wants to move to Arkansas.

J. M. Lassiter, 656 W. Jefferson Ave., Detroit, Mich. Interested in Arkansas' swamp lands.

C. B. Montgomery, International Falls, Minn. Is interested in Ozark section of the state.

L. H. Cook, R. 1, Naponee, Neb. Interested in farm lands in Arkansas.

A. C. Ross, 362 N. Holyoke, Wichita, Kan. Cheap lands in Arkansas.

Henry Adams, B. 4, Harrison, Ohio. Interested in Arkansas.

M. L. Lehmanns, 515-517 Felix St., St. Joseph, Mo. Interested in cheap lands in Ozark section.

L. M. White, care F. L. White, Eurcka, Kan. Interested in northwest Arkansas.

W. T. Davis, R. 1, Gadsden, Ala. Expects to make Arkansas his future home.

Russell F. Harrison, care Grant Walters, R. 1, Las Animas, Col. Desires to exchange Ford coupe and one-ton Ford truck for Arkansas lands with house, barn and chicken house.

W. D. McKimens, Westmoreland, Kan. Arkansas lands adapted to sheep and poultry raising.

J. F. Hilton, 1006 Ohio St., Pino Bluff, Ark. Interested in summer homes on upper White river.

Geo. O'Hare, Turton, S. D. Desires to get in touch with Arkansas real estate men.

D. C. Gleim, Minneapolis, Kan. Interested in fruit and stock growing. Prefers western part of State.

I. D. Mosher, Clerks Bin, Arcade St., Los Angeles, Cal. Interested in Arkansas farms.

G. D. Landers, 541 22nd St., Bock Island, Ill. The highlands of Arkansas.

Albert J. Straw, Box 477, Glendale, Ari. In live stock raising.

John Dickerman, Coleman, Okla. In southwest part of State.

Frank Wilder, Mandan, N. D. In northwest part of Arkansas.

John C. Boyer, 4689 Leavenworth St., Omaha, Neb. In poultry farm in north part of the State.

G. W. Mendell, 104 East 17th St., Austin, Texas. Apple and potato growing section of State.

Luther Carr, R. 3, Box 80, Rochester, Ind. Southern border of Ozarks.

W. E. Rieseberg, 310 9th Ave., Council Bluffs, Iowa. Cheap lands in State.

J. K. Doran, P. O. Box 277, Bismarck, N. D. Stock growing and fruit; prefer northwest Arkansas.

Robert Walter King, General Delivery, Detroit, Mich. Interested in acreage within 50 miles of Little Rock, suitable for fruit and poultry.

Hufford, 323 South Roboy, Chicago, Ill. Wants small farm with enough fruit for home use.

T. L. Linton, R. 2, Liberty Hill, Texas. Inquiring for homestead lands.

Edward Rawstod, Box 652, Yuba City, Cal. Interested in prices of land in Arkansas. Party of four coming to Arkansas with view of making Arkansas their home.

Wm. A. Kahl, 213 East Conant St., Portage, Wis. Desires to make Arkansas home; interested in lumber, fruit and farming.

H. E. Salishburg, Independence, Kan. Wants to buy Arkansas farm soon in Benton county. Interested in cheap lands.

G. W. Sargeant, 1425 E. Prospect St., Seattle, Wash. Would like names and addresses of some middle size farms in different parts of State.

Oscar Shirts, 630 Gary Place, Chicago, Ill. Interested in Arkansas land as an investment.

F. E. Stanfield, Helena, Mont. Expects to locate in Ozark region; desires information.

North American Finance Company, St. Clair Bldg., 154 East Erie St., Chicago, Ill. Wishes to purchase a cabin in the Ozark mountains.

John Belkrop, Box 595, Carthage, Mo. Interested in rice belt of State.

N. F. Houk, Marion, Va. Desires to move to Arkansas and will bring two or three families if find desirable location; no malarial districts.

Warren Hoover, B. 1, Brookville, Ohio; Mr. Chas. H. Johnson, 515 Hartford, Dayton, Ohio; Miss Carrie Vallhrecht, 1512 North Main St., Dayton, Ohio. These parties are a farmer, baker and teacher. They want to locate in some community, some where in Arkansas. Are interested in cheap lands or homesteads.

E. L. Keegan, Box 636, San Angelo, Texas. Interested in Fulton county.

William H. Knibler, 33rd St., Marks Place, New York, N. Y. Desires information regarding lands near Mena, Polk county.

H. S. Hines, P. O. Box 214, Fort Sam Houston, San Antonio, Texas. Desires information regarding Polk, Scott and Montgomery counties.

C. W. Gaston, R. 2, Omaha, Neb. Seeks information relative to Little River and Sevier counties.

C. W. Wells, Wright, Minn. Northwest Arkansas, Carroll county preferred.

G. H. Robbins, Eaton Rapids, Mich. Northeast Arkansas, Clay county.

C. F. Holt, Murfreesboro, Tenn. Information regarding Boone county.

C. L. Cox, 9265 Albert St., Detroit, Mich. Interested in Little River county.

W. D. Lofftus, 1012 W. Atlantic St., Springfield, Mo. Wants to buy a home in Washington county.

W. C. Davison, Huntsville, Ala. Desires information around Conway, Faulkner county.

Chas. W. Krueger, 4415 Moonstone Drive, Los Angeles, Cal. Pope and Sevier counties.

F. J. Birger, 1406 South 9th St., St. Louis, Mo. Wants to move to Mississippi county.

Chas. T. Gilmore, 428 S. Court St., Circleville, Ohio. North Arkansas, Lawrence county preferred.

J. Caldwell, Fairhope, Ala. Information regarding Polk county, as he wants to farm, dairy and grow fruit.

A. Harnish, Elba, Neb. Wants 40 or 60 acres, half in cultivation, in Polk or Sevier county.

Floyd Clapper, 323 East 15th St., Los Angeles, Cal. Contemplates purchasing land in Jackson county.

Sidney B. Henry, Belfry, Mont. Interested in Sevier county.

F. C. Spaulding, 205 North Franklin St., Polo, Ill. In farm lands suitable for dairying and poultry, near Beebe, White county.

Miss Emma M. Weelf, 1210 West Thomas Ave., Shenandoah, Iowa. Small acreage, improved, in northwest Arkansas. She indicates a preference for Carroll county.

C. H. Shannon, Tipton, Okla. Seeks average prices on lands in Pulaski county.

Miss Etta L. Abbott, Columbia College of Expression, Chicago, Ill. Wishes to be informed as to poultry raising around and near Hot Springs, Garland county.

Geo. R. Rice, P. O. Box 211, Aurora, Ill. Wants to buy more land in Marion county.

A. H. Peck, Rover, Ark. Interested in Carroll, Boone, Marion and Baxter counties.

A. C. Bagley, 4384 McPherson St., St. Louis, Mo. Interested in Stone, Clay, Newton, Izard, Sharp and Van Buren counties.

FARMERS EXCHANGE

FARM LANDS WANTED.

WANTED—Small farm; enough fruit home use. Hubbard, 323 South Roboy, Chicago, Ill.

LIVE STOCK FOR SALE.

FOR SALE—Three-year-old registered Holstein male; write or wire, W. N. Wilkes, State House, Little Rock, Ark.

WANTED—Spotted Poland China and Chester White dogs. Also best breed of milch goats. Andrew Simmons, Cave City, Ark.

NURSERY STOCK AND PLANTS FOR SALE.

DELFO 6102 AND ACALA pure Cotton planting seed, picked before rains; germination high. Earl Kilpatrick, Marianna, Ark.

STRAWBERRY, CABRAGE, PEPPER and Potato plants. Plenty good seed sweet potatoes; car lots or less. Special prices on large orders. Issue a booklet on berry growing free. J. A. Bauer, Lock Box 38, Judsonia, Ark.

FOR SALE—Year-old apple trees, 17c each; peach, 25c; cherry, 50c; pear, 50c; grape plants, Concord two-year-old, 10c each, \$5 per hundred; Moon's early, 10c, \$7.50 per hundred. Delivered free. Durham Nursery, Stella, Mo.

300 VARIETIES—Gladiolas, Dahlias, etc. Raspberry, blackberry, strawberry nursery stock, half price. Catalog free. J. C. Jay, Eurcka Springs, Ark.

FOR SALE—Onion plants, frost-proof cabbage, pepper plants, sweet potato slips and sweet potato seed. Write J. A. Bauer, Judsonia, Ark.

STRAWBERRY PLANTS for sale. J. A. Bauer, Judsonia, Ark.

POULTRY AND EGGS FOR SALE.

NABRAGANSETT TURKEY—Pure bred; eggs, 50c each; \$1.50 for setting of ten. Mrs. Olive Ledford, Gid, Ark.

PURE BRED POULTRY—Pigeons, Guineas, birds, baby chicks and rabbits for sale; prices reasonable. Miller and Miller, Freedon, Okla.

BARRED ROCK—Pure bred eggs; good for laying strain, \$5.00 per hundred. M. A. Vandever, R. 1, Box 70, Lincoln, Ark.

BABY CHICKS—For sale, fifteen to twenty-five cents each; eggs, \$1.50 to \$10.00 per setting. Pens mated and culled by an expert poultryman. For particulars, H. H. Holtzclaw, Sec. Beebe Poultry Breeders Assn., Beebe, Ark.

RHODE ISLAND RED—Eggs for sale; pen No. 1, \$1.50 per setting; pen No. 2, \$1.00 per setting of sixteen eggs each. Mrs. Sadie Baird, Hoxie, Ark., Route 1, Box 53.

WHITE WYANDOTTES—Bange eggs, \$5.00 per 100; chickens, \$12.50; 1st pen eggs, \$5.00 per fifteen prepaid. Little chickens, \$15.00 per 100 prepaid. White guinea roosters, \$1.50; hens, \$1.00. Mrs. Avery Allen, Macon, Mo.

S. C. DABK BROWN LEGHORN—Eggs, Bussell strain. Prize winner at the county fair, \$1.25 for fifteen; \$6.00 per 100, prepaid. Cocks, \$1.50 to \$2.00 each. Mrs. A. L. Fuller, Waldron, Ark.

BARRED PLYMOUTH ROCKS—McLester's light matings, win ribbons and all breeders have either trap nest records of 200 or better out of 200-egg dams. Yard No. 1, \$2.50 per 15 eggs; yard No. 3, headed by 267-egg male, \$3.50 per 15, all delivered. Baby chicks out of above matings, 30c and 40c. Ray L. McLester, Box 49, Pangburn, Ark.

S. C. D. BROWN LEGHORNS—Famous overlay strain from McLester's Leghorn yards; are nature's egg machine. Won all first prizes at Arkansas State Fair 1925. Nice lot of cockerels from Blue Ribbon sire, \$2.50 each. Eggs, \$2.50 per 15 from our best yards. Range flock \$1.50 per 15, delivered. Ray L. McLester, Box 94, Pangburn, Ark.

MISCELLANEOUS.

WANTED TO BUY—Blacksmith shop, or a shoe shop with tools, in small town in healthy locality. J. F. Jones, Cross Roads, Ark.

ONE RESTAURANT—On truck; good condition. One-ton truck equipped for hauling. One lot of boys' and small men's suits, pants and shirts. One lot of shelled popcorn. Set of computing scales. Annie Jones, St. Francis, Ark.

RUNNING FITS stopped or money refunded. \$1.00 prepaid. May hunt dog while treating. Safe-Sane Remedies Company, Willow Springs, Mo. 12-15

PAPERSHELL pecans, peaches, apples, plums, grapes, Japanese persimmons, Satsuma oranges, figs. Quality and satisfaction guaranteed. Write for free catalog. Bass Pecan Company, Lumberton, Miss.

FIELD SEED.

SEED, FEED, HAY—Arkansas' oldest and largest field seed shippers cover the entire cotton growing section with responsible dealers. Send us your inquiries. H. K. Cochran Company, Little Rock, Ark. 12-13

JAPAN CLOVER and Carpet Grass Seeds; perpetual hay; pasture and green manuring crops making \$150 an acre over grain annually without cultivation or reseeding. Get government facts and my cheap prices. Sidney J. Weber, Baton Rouge, La. 12-13

1926 CATALOG now ready. A complete manual for farmers, market gardeners, home gardeners and flower lovers; for dog owners, etc. Ask for your copy. Russell-Hackle Seed Company, 26 South Front St., Memphis, Tenn. 12-15

SEED FOR SALE.

MIXED ROWDEN AND MEBANE Cotton seed; germination 90 per cent; picked in September. \$3.50 per hundred. Cash with order. Lambert Bros., Holly Grove, Ark.

TWENTY TONS Arkansas grown Rowden Cotton seed; re-cleaned and sacked in new 100-lb. sacks; germination from 87 to 93 per cent. Write for prices. Lambert Bros., Holly Grove, Ark.

FIFTEEN TONS Re-cleaned Acala Cotton seed; sacked in new 3-bushel sacks; germination from 85 to 94 per cent. Write for prices. Lambert Bros., Holly Grove, Ark.

SIXTY TONS CIN RUN Cotton seed; sound and dry; germination high; sacked or in bulk. Joel Lambert, Holly Grove, Ark.

WANT TO BUY—Eight or ten bushels of red multiplying onion sets. Please quote prices. J. R. Hudson, R. 1, Box 20, Clarksville, Ark.

COTTON PLANTING SEED—Delfos 6102 and Acala, picked early; germination guaranteed. Lambert Bros., Holly Grove, Ark.

FOR SALE—Two tons of pure Express cotton seed. Price \$100 per ton, f. o. b. McCrory. W. N. Wilkes, State House, Little Rock, Ark.

500 POUNDS OF MUND BEAN SEED for sale, \$20 per hundred, in wholesale lots. Gordon Steed, Star City, Ark.

ACALA AND ROWDEN—Best planting seed in Arkansas. Loy E. Rast, Newport, Ark.

ACALA COTTON SEED—2,000 bushels of Nun's No. 5 Acala seed, ginned before October rains. Crown from original Nun's No. 5 Acala seed. For prices write M. L. Walt, Kerr, Ark.

WANTED TO BUY.

THREE hundred twenty-five bushels of seed sweet potatoes. T. F. MILLIGAN, Tuckerman, Ark. 11-12

TOWN PROPERTY FOR SALE.

FOR SALE—Equipment for ten-room rooming house. Located near depot; cheap rent. Will exchange for other business. Annie Jones, St. Francis, Ark.

FARM AND LANDS FOR SALE.

BENTON COUNTY FRUIT FARM—For sale; 40 productive acres in orchard land; well cleared. Situated on road leading to state highway. Write C. A. Brickman, 1895 West 47th, Cleveland, Ohio.

200-ACRE FARM—100 acres good bottom land, 65 in high state of cultivation, remainder virgin timber; new five-room house; good outbuildings; good water; never failing spring flows through barn lot. Also good store with about \$2,000 stock of merchandise. Ten miles from railroad. Price of farm \$4,000; sell store and stock at cost; half cash, balance two years' time. J. E. Giles, Arches, Ark.

60-ACRE FARM FOR SALE—On range; well timbered. W. R. Nelson, Nelsonville, Ark.

120-ACRE MOUNTAIN FOR SALE—89 acres in cultivation, other in good timber; good house, barn and other outbuildings; plenty of wild fruit; good stock farm; near school, postoffice and church. Mail comes by door, on public highway. Mrs. C. E. Collar, R. F. D. 1, Fayetteville, Ark.

FOR SALE OR TRADE—Good farm and home in the Ozarks; well improved; priced right. L. W. Hawley, Saint Paul, Ark.

SEVEN-ROOM HOUSE, barn and chicken house, about one acre of garden; large yard; modern improvements. C. E. Collar, R. F. D. 1, Fayetteville, Ark.

40-ACRE POINSETT COUNTY FARM—\$3,000; will sell or trade for stock farm in northwest Arkansas. F. W. Arwood, Tarrance, Cal.

ATTENTION, renters and share croppers, a real opportunity to own your own home. You don't need cash to buy these fine cut-over lands, Lawrence County, Arkansas, 10,000 acres of the best soil to select from. Come and see for yourself or write for particulars to either Land Dept., Lesser-Goldman Cotton Company, Owner, or Dowell Land Co. Local Agents, Walnut Ridge, Ark. 11-13

54 ACRES land in city limits of Russellville; 40 acres meadow, balance cultivated; ideal for dairying or truck farming; five blocks from creamery. 750 yards front on railroad; good factory site; good house; large new barn; plenty of water in summer. No trade considered. Address J. W. Cooper, owner Russellville, Ark. 1

100-ACRE farm, 25 miles of Little Rock, near asphalt pike, 1-4 mile school and church. Fifty acres cultivated; no rocks; new buildings, lots of improvements; young orchard. Price \$2,600; part cash. C. C. Taplin, Redfield, Ark. 1

FOR SALE—Five-acre fruit and garden tract near Lincoln, Ark., with good house and barn; 2 1/2 acres in young apple trees, rest garden land. Level land, no stones. For information write, JOHN J. TOWNSEND, Lincoln, Ark. 11-1

80-ACRE FARM—Near Clarksville; close to school and church; good improvements, with four hundred peach trees. Gas field with paying wells near \$4,250; \$600 down, balance easy terms, 8 per cent interest. Will trade for town property, Ford truck or touring car, team of mules or piano. J. R. Hudson, Clarksville, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

FOR THE FARMERS OF ARKANSAS

SUBSCRIPTION FREE

VOL. 12, NO. 2.

LITTLE ROCK, ARKANSAS

APRIL, 1926

ARKANSAS NOW HAS LAND BANK

THE Southwest Joint Stock Land Bank of Little Rock, recently chartered by the Federal Farm Loan Board to operate in Arkansas and Texas, opened on March first with headquarters in the Boyle building. This is the first of the Joint Stock Land Banks to be chartered by the Federal government with headquarters in this state.

The movement for the new institution was initiated by Senator Joe T. Robinson. The bank has a paid-in capital stock of \$250,000. It has a legal reserve of \$25,000 and a surplus of \$25,000. Mr. M. F. Dickinson, for several years treasurer and a director of the Federal Land Bank of St. Louis, is president of the institution, and H. Grady Miller, for many years private secretary to Senator Robinson, is the vice president and secretary.

Men of state-wide reputation compose the Board of Directors. In addition to Senator Robinson, who is chairman of the Board, M. F. Dickinson and Grady Miller, the following constitute the Directorate: H. C. Couch, president of the Arkansas Light and Power Company; Moorhead Wright, president of the Union Trust Company; John M. Davis, president of the Exchange National Bank; F. W. Neimeyer, president of the Bankers Trust; M. W. Hardy, of Hardy & Company, Insurance and Investments, and M. L. Bell, vice president and general counsel of the Rock Island Railroad.

Loans are made on farm lands on the amortization plan. They extend for a period of thirty-three years, the borrower having the privilege to pay any part or all of the loan on any interest date after five years from date of loan.

The organization should take its place among the leading institutions of our state, and should prove a real benefaction to our farmers by making long-term loans at a low rate of interest.

S. Ross Wallis of Asheville, N. C., has been appointed Extension Poultry specialist, according to T. Roy Reid, assistant director of Extension.

Wallis has been working as assistant county agent in Buncombe county, N. C., doing special work in poultry development. He is a graduate of the North Carolina Agricultural and Engineering College and is part owner with his brothers of a poultry and dairy farm in North Carolina.

In addition to his poultry and dairy farm in North Carolina A. and E. College, he took work in journalism and was editor of the college weekly. He is recommended as a superior student, and a man who when in college took part in all activities. He was recommended by the State College of North Carolina for a Rhodes scholarship.

Through the co-operation of the business men of Marianna, Lee county, plans have been perfected to offer prizes in each township, for the best garden, also the best five acres of corn and cotton. Grand prizes will be awarded the county champions.

Mississippi County, Hats Off!

THE cotton production in the United State for the past five years has been as follows:

1921-22.....	7,954,000
1922-23.....	9,762,000
1923-24.....	10,140,000
1924-25.....	13,628,000
1925-26.....	15,600,000

This year our own county of Mississippi produced approximately 157,067 bales or practically one per cent of the American crop; and the compresses of Blytheville alone will handle 250,000 bales or one-sixtieth of all cotton produced in the United States. With only about 50 per cent of her tillable land in cultivation this county promises within ten years to be America's greatest cotton county.

The Arkansas Rice Growers Co-operative Association has purchased all of the rice milling properties of the Stuttgart Rice Milling Company of Stuttgart, consisting of Mills A and B at Stuttgart, and Mill C at DeWitt. The purchase also includes other properties belonging to the Stuttgart Rice Mill Company used in the operation of its mills. The purchase also includes all personal property owned by the Stuttgart Rice Mill Company and used in conjunction with its offices and mills.

This latest move of the organized rice growers of the state makes their co-operative association not only the largest rice milling organization in the state, but owners of rice mills of the greatest milling capacity of any other corporation operating within the state.

In addition to the mills purchased, the association has under lease and is operating the rice mill at Wheatley, and will continue to operate that mill.

Faulkner County Truck Growers Association is growing 120 acres of radishes.

Enormous Loss From Cattle Tick

THE State Veterinarian of Georgia recently in a talk in Little Rock, estimated the loss to the cattle growers of this state by reason of the fever tick to be \$7,250,000 annually.

In arriving at these conclusions he based his figures upon the following estimate that in the 31 counties south of the Arkansas river which still are tick infested, there are about 500,000 head of cattle. He then presented statistics showing that meat from the tick infested cattle brought one and a half cents per pound less than meat from a district where ticks have been eradicated, or an average of seven and a half dollars less per cow, considering 500 pounds as a standard weight. This loss totals \$3,750,000 a year.

Another loss results from the underweight of cattle in the infested area, as the cows weigh 25 per cent less than those in free districts, with a consequent loss of \$2.50 per cow or a total of \$1,250,000, he said. A third financial loss is through a lowered milk supply in the infested counties, Dr. Bahnsen pointing out that about 150,000 of the 500,000 head are milk cows, and that they average three-quarters of a gallon of milk a day, while a cow in a tick-free section will average at the least one gallon. This brings a loss of \$2,250,000 a year, making a grand total loss of \$7,250,000.

The P. F. Clardy Poultry Hatchery at Fort Smith is now shipping baby chicks. The new plant has incubators with capacity of 100,480 eggs. The building is steam heated and has a large concrete semi-basement in which the incubators are housed. According to the plans adopted the plant should incubate 700,000 eggs during each season, and half a million chicks should be hatched. The cost of the necessary eggs will be approximately \$20,000 each season.

AERO DUSTING A SUCCESS

BY AUDITOR J. CARROLL CONE.

THOSE of us who have never flown are liable to feel that it would be an exceedingly unreliable and costly method of accomplishing work. In Alabama and Louisiana, during the last five years, there has been conducted by the Department of Agriculture some very interesting experiments in an attempt to check the ravages of that hungry glutton—the Boll Weevil. These experiments were of sufficient proof of its feasibility that at least one commercial concern, The Huff-Deland Cotton Dusters, Inc., has organized and is undertaking the business of rendering this service to the cotton growers of Louisiana, making their headquarters at Monroe, La.

Air pioneers, for many years after the war, felt that they could spread poison "dust" from airplanes in a more efficient manner than from any other vehicle, but as in other attempts, they have had to solicit the support and belief of men with money before the experiment could be attempted—Airmen, like all other pioneers, being among the nation's poorest. Finally some generous soul agreed to waste a few thousands of dollars to permit these foolish persons to attempt the experiment. All pioneering development is expensive because of the lack of precedent by which one is guided in the course of established business practice—this new enterprise proved no exception and so there has followed many years of costly lessons. Like so many others, they tried to adapt military airplanes to commercial requirements without success. However, the last year saw some real progress in the advance of this development. Probably due to the taking over of this work by commercial concerns and their providing aircraft designed for the work. This reduces the problem to a simple one of dollars and cents where the operator and grower must both profit by the undertaking if it is to last. The proof of this mutual profit would seem to lie in the fact that the growers served by the organization last year have deposited their money for this year's service and in addition have added more than twice the amount of acreage over that served last year.

Some of the lessons which had to be learned were: Availability of airports or landing fields; distances to be covered from airports to crops and distances in covering crops; density of growth or fertility of soil; number of growers willing to pay for the service; hazards of flying.

You can readily see that the organization cannot go beyond certain distances without the cost becoming prohibitive. You also understand that airplanes require a fairly level, flat field from which to take off and land. It is also evident that once the machine is set to operating it would be much easier if the operator could fly a straight line, spreading his "dust" until the machine was exhausted, also, that if the yield per acre is below a certain amount the grower would not receive a favorable return for the money paid for dusting, and, that this type of flying is

(Continued on Page Three.)

Who Will Tell The Non-Resident Arkansas' Story?

During the last session of the General Assembly the Department of Immigration requested an appropriation of \$50,000 annually to be used in advertising Arkansas in our greatest national magazines.

Glance today in your magazines and you will find attractive "ads" presenting to the readers forceful selling talks for both California and Florida. These states, like good business men, have found that it pays to advertise. Business firms in our state spend more than this sum for private business annually. Our request was denied by reason of shortage of funds by the Budget Committee, but we hope that the 1927 session will be able to grant this needed item. If interested, discuss this matter with your Senator and Representative.

By reason of limited funds this Department cannot properly present to all inquiring prospects our many advantages, and as a result we appeal to the various Chambers of Commerce, Real Estate dealers and citizens to assist us.

Elsewhere we list recent requests and invite you to communicate with them by mailing such data as you have available.

Later issues will carry similar lists.

W. N. WILKES, Commissioner.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by
W. N. WILKES
Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, all ads will be published in two consecutive issues without charge.

A GROWING INDUSTRY.

By J. V. OLMOND.

Beekeeping in Arkansas is neglected like many other allied industries of agriculture. We have thousands who just keep bees and only a very few know anything of the science of bee keeping. More bees are housed in hollow stumps, or box "gums" with cross sticks in them to support the combs and bees, than are in modern movable comb hives, a detriment which is profitable in bee keeping. We should have a specialist, employed by the Extension Division of the University of Arkansas, to visit all parts of the state where his services are required, to teach proper methods in bee keeping, by actual demonstrations, and lecture. The State Beekeepers Association, has annually by resolution asked for this specialist, but so far it has not been considered. Why?

Arkansas could use tons of Arkansas produced honey, if it was available for us. Our people would gladly buy since we produce a good grade and quality of both comb and liquid for table use. Each year we waste thousands of tons of perfectly good honey for the lack of facilities for gathering and storing it; this is a great loss to the citizens of the State.

On account of the location of the State it is possible for us to sell thousands of packages of bees and queens to Northern producers, who buy bees in the South each spring, to make increases and to build up their colonies. This business is a loss to the State for the lack of knowledge of the business, and the lack of protective laws so badly needed.

We are prohibited from shipping bees upon combs to many states in the Union and to Canada. We permit any state to ship diseased equipment and bees into our State; this should not be. We have asked the legislature to give us the needed legislation, but so far we have not succeeded. This is a great loss to all of us. Why can't we have this legislation?

The State Beekeepers Association has met regularly each year since organization in 1918. Beginning with this year, will hold two meetings yearly, February and September. The next meeting will be in Little Rock, at the Hotel Marion, September 24. We have just held our February meeting, which was well attended and much interest shown by the beekeepers from all parts of the State. The September meeting will discuss the State Fair exhibit for the next fair. We had quite an attractive exhibit last year, but this year we will have tons of honey, and will have bees and queens and modern supplies. This will be educational to the beekeepers, and a marvel to others.

Commissioner Wm. N. Wilkes kindly asked me for this article. It is difficult to write a paper on this subject which would be of interest to all, so I have tried to state what's on the minds of the commercial beekeepers in Arkansas.

Land owners in Poinsette and Mississippi counties have reached an agreement whereby operations on a \$2,000,000 drainage project will begin at once. This will be one of the largest ditches in east Arkansas and will reclaim thousands of acres of very fertile soil.

The American Mining Congress held in Memphis the 15th, 16th and 17th of March, was well attended. Commissioner Wm. N. Wilkes supplied an exhibit of Arkansas minerals.

Interest in sweet potato growing is evident by the many co-operative marketing associations being organized throughout the State. Potatoes free from disease, properly graded and sold co-operatively, we believe, would bring a good return in the majority of the counties of the State.

Faulkner county sweet potatoes, under "Sweet-heart" label, topped the Los Angeles, Cal., market for February. They were shipped co-operatively and correctly graded.

The Missouri Pacific railroad has been conducting a very active campaign to encourage grape culture in territory served by this road that is adapted to grape growing.

MODERN METHODS AND MODERN BOYS.

By E. B. MATHEWS.

Modern agriculture, modern marketing, modern transportation, and modern communication co-operated in a demonstration at Hot Springs recently in a luncheon program broadcast over KTHS and participated in by fifty other luncheon audiences given at the same time in other sections of the State. The occasion was in honor of the champion cotton growers of Arkansas in 1925. These represented modern agriculture. The latest in marketing had its representative in the person of J. D. Eldridge, secretary of the Co-operative Cotton Growers Association. Modern transportation gave its demonstration by a delegation from Wilson, Arkansas, who attended this luncheon and returned home to Wilson, Arkansas, by automobile that same day, a distance of 250 miles.

The broadcasting of the luncheon by Station KTHS was the last word in modern communication. Promptly at 12:30 p. m. the gavel of the toastmaster, Mr. R. B. Smith, of the State Department of Education, fell and it called to order not only the meeting at Hot Springs, but many other groups assembled in various parts of the State, and attracted thousands of individuals in as many different homes. Among other things, Mr. Smith said: "It is indeed a pleasure to have the honor of presiding at this luncheon given in honor of the winners of our second Annual State Cotton Growing Contest. Three years ago the Division of Vocational Agricultural Education of the State Department of Education attempted to conduct a State cotton growing contest. However, no funds for prizes could be found. A year later, through the splendid personal help of the directors of the Arkansas Cotton Growers Co-operative Association, and the assistance of their field agent, Mr. G. H. Banks, a most valuable contest was started. In this contest we enrolled more than 400 boys throughout the State. The story of how Elstner Beall of Wilson won the championship two years ago is known to all of us. We meet today at a luncheon in honor of the winners of the second annual State Cotton Growing Contest. Nearly 500 young farmers, students in the rural high schools of the State, took part in this contest. Many of the vocational agricultural students have made unusually fine achievement records, in the contest, and we hope that at least fifty of the 112 vocational agricultural schools have provided radio and luncheon facilities, thereby making it possible for them to be silent but receptive guests at this celebration in honor of the winners of this contest."

The boys in whose honor this unique luncheon was given are Mr. Elstner Beall of Wilson, Arkansas, who grew 3,025 pounds of lint cotton and 5,002 pounds of seed from three acres; Pierce Adams of Bruno, who grew 2,624 pounds of lint cotton and 4,421 pounds of seed on his three acres. The other young men in the order of their rankings are Rodney Clark of the Wilson school; Milton Simmons, Blevis; Conley Norris, Poughkeepsie, and Alfred Nowell of Wilson.

Mr. J. D. Eldridge, secretary of the Arkansas Co-operative Cotton Growers Association, was introduced as the first speaker on the luncheon program. He stressed the value of the vocational work, the part the fathers should play in the education of their sons and the necessity for co-operation in the successful marketing of farm crops. He was followed by Elstner Beall, the champion cotton grower for 1925, who told in a straightforward manner how he grew his cotton and produced a crop that added for \$611.52 from three acres. Young Beall's father was then introduced and in a forceful talk emphasized the importance of a father giving encouragement to his son in a more substantial way than merely board and clothing for the boy's services. A father should take his son into partnership, according to Mr. Beall, and give him managerial experience. Fred T. Mitchell, the instructor of young Beall, then spoke briefly on how accurate records were kept on every phase of the contest work, and in conclusion he served notice on all listeners that the winner next year, if he beats Wilson, will need to grow more than fifteen hundred pounds of lint cotton to the acre.

O. J. Hall of Blevis, introduced his winner, Milton Simmons, who told briefly how he grew 2,128 pounds of lint cotton on three acres and sold it for \$430.39. Pierce Adams, Rodney Clark, Conley Norris and Alfred Nowell were unable to attend the luncheon at Hot Springs, but participated in their home communities.

The luncheon program was fittingly closed by the orchestra playing America. This luncheon program demonstrated in a most effective way the value of the radio in our modern life, as it enabled the program to be multiplied many times and to be enjoyed by thousands outside the four walls of the luncheon room.

The world cotton crop for last year was approximately twenty-five million bales. Only twice in history, 1911 and 1914, has this production been equaled. Why not try more feed as thousands of tons are annually shipped into our state at prohibitive prices under excessive freight rates.

Texasarkana Truck Growers Association shipped their first shipment of radishes on March 11. They are growing 60 acres this year.

Fertilizer shipments in Arkansas for January and February, 1926, were 23,056 tons. For the same period last year, the shipments were 20,576 tons.

Preliminary forecast by the U. S. Department of Agriculture forecast a reduction in rice production in India and China for the year of 1926.

PECAN GROWING IN ARKANSAS.

By JUDGE R. M. MANN.

For a number of years farmers in this state have been undertaking to grow pecans, many of them on a commercial scale. These orchards are isolated in sections of the state from Mulberry to Lake Village and some distance east and west. There are some orchards being started in Lee county and in the Helena district. In the southwest part of the state in the coastal plain section there are several pecan orchards. At the time these trees were put out there was very little information as to cultural methods, varieties of trees, and soil types suited to pecans. The experience of these pioneer farmers, of course, is very valuable for those who are now starting pecan orchards in determining the varieties suited to Arkansas and the soils suited to pecans. There were many disappointments in these original undertakings. Farmers did not know at that time the simple rules for transplanting pecan trees which, if observed, assures success so far as the living of the trees is concerned. I know of one farmer in Arkansas who lost sixteen hundred trees because they were put in sour, overflowed land. Many lost their trees because the holes were not large enough, and the roots of the young trees were permitted to dry out before setting in the ground. These mistakes brought disappointment but apparently no discouragement. The man who lost the 1,600 trees now has 1,600 other growing trees, and of those who lost their trees in transplanting many have tried again with a strict observance of the rules for transplanting and are meeting with success.

In January of this year the farmers of the state who have been growing pecans in an experimental way, and those interested in growing pecans, met for the purpose of disseminating the experience of these various farmers and formed an association of those interested in pecan culture. There were probably one hundred and fifty at this meeting. Those of us who were instrumental in bringing together this convention feel that a movement was begun which in the course of time will be one of the major sources of revenue for Arkansas farmers. It of course was and is but the beginning of the practical and systematic development of the pecan industry.

There will be pecan exhibits at the State Fair this fall and prizes will be offered for the best pecans of known varieties raised in Arkansas and the best native pecans raised in Arkansas. This should stimulate interest in the growing of known varieties of pecans and in finding native trees in the state suitable for propagation.

Heretofore the experts have had some doubt as to the advisability of planting the Southern varieties of pecans in this state, but there are a sufficient number of bearing trees of Southern varieties in this state to give assurance that these varieties will do well in the soil and climatic conditions of this state. The Schley, Stuart, Money-maker, Success and Pahst are in successful production. The Delmas which is one of the best known varieties, has been abandoned in the Gulf Coast section because of its susceptibility to scab, but in central Arkansas there are trees of this variety probably fifteen years old on which scab has shown no appearance as yet. If this variety will prove immune from disease and insects here, it will be very fortunate for the state. For a long time we did not know whether Arkansas soils, rainfall and temperature would be suited to pecan culture, but from experience in the various parts of the state it would seem to be an established fact that Arkansas soils and climate are peculiarly suited to the development of high grade pecans of Southern varieties.

Many orchards, probably most of them, are located in the alluvial soils of the Red, White and Arkansas river bottoms. These soils are especially adapted, of course, to the growth of the pecan tree. But there are sufficient trees in what is known as the coastal plain section of the state to demonstrate the fact that there is no better soil if made sufficiently fertile, for pecan culture than this light sand and red clay. There are some trees of remarkable growth around El Dorado in Union county in this coastal plain section of the state. In the yards the trees do well in the soil at Little Rock. Even in the rocky, clay soils there are some very thrifty, productive trees.

No experience is available for the northwest part of the state except around Fort Smith and along the Arkansas river to determine whether or not trees will do well in that section. At Mulberry, Arkansas, there is a very thrifty orchard.

The life of a pecan tree depends on the cultural methods, soil fertility and moisture. No one should plant more trees than can be cared for. Legume crops, clean cultivation in the tree rows, fertilization and time, we feel, will assure reasonable success. With the expert advice which will come with organization and experience, the future of the pecan industry in Arkansas seems assured.

The Bulletin published by the Chamber of Commerce of Conway, in the February issue, carried the following article which is a strong argument supporting co-operative marketing. It supplies a lesson that many other communities should profit by.

"In January, 1921, the Conway Chamber of Commerce became interested in the dairying possibilities of Faulkner county and called a meeting of the limited number of farmers of the community at that time owning dairy cows, inviting Professor Woodley, Dairy Specialist of the University of Arkansas, to address them. From this meeting was organized the Faulkner County Dairymen's Association on April 24, 1921.

"Housed in a small frame building, with bor-

rowed machinery, fostered by a small development fund from the Conway Chamber of Commerce, business was started with the receipt of four cans of milk at the station, two of which were brought in by R. L. Folts, the manager and the man who had initiated the movement among the few interested farmers.

"From this humble start, the Dairy Association has developed along safe lines up to the present time and succeeded in overcoming all discouragements. R. L. Folts and Chas. Lienhart have alternated in the offices of president and secretary of the Association, and these two men have had the courage and foresight to advise their members to only increase their dairy herds to the extent that they were able to grow the necessary roughage at home, realizing that through this method lay the opportunity of profit.

"In 1924 the Association built its present quarters in a concrete block building, with ample equipment of modern type, consisting of two large pasteurizing vats, cooling coils, Babcock tester, separator and standard mechanically refrigerated cold storage room. The plant value is \$10,500.

"In 1925 the manufacture of butter was added, with installation of modern churns having a capacity of 6,000 pounds per week, naming their product Wonder State Butter. This, with a bottled milk contract for the Cox Chain Stores, calling for additional machinery in the way of steam turbine bottle cleaner, bottle sterilizer, etc., represents the expansion of the last few months.

"The bottle milk contract is bringing in over \$2,000 per month and increasing each month, while the remaining out-put of the plant, going to dairies and ice cream plants in Conway, Little Rock, Pine Bluff and Hot Springs, brings the total revenue close to \$60,000 per year.

"This additional earning power to the county, it must be borne in mind, has been accomplished without curtailing any agricultural crop, as witnessed by two record crops of cotton for Faulkner county in the past two years."

THE MISSOURI PACIFIC'S AGRICULTURAL PROGRAM.

ORAN W. ROWLAND.

The Agricultural Development Department of the Missouri Pacific Railroad, under the direction of Mr. John T. Stinson of St. Louis, has for its object the permanent betterment of farm conditions in the territory served by its lines. Any program likely to improve the financial condition of farmers and farm communities in a given territory is certain to reflect a profitable business to the transportation companies serving them—the reverse is equally true.

With the above fact in mind, the Missouri Pacific Railroad has entered upon a well-defined, carefully-planned campaign to encourage and assist farmers in its territory to adopt more profitable cropping systems. This work is being put into effect by a number of especially trained men in close co-operation with the State Agricultural Extension force and various independent agencies. Local conditions and limitations have been carefully considered, market possibilities investigated, and, finally, certain crops recommended, provisions being made for educational meetings to present proper cultural methods for each crop to the new growers.

Considerable progress has been made in a number of sections in Arkansas. A few of the more prominent examples of successful development will serve to indicate results being accomplished.

The hill country in the Eastern side of the State, known as Crowley's Ridge, is being rapidly converted into a vast fruit growing section—peaches leading in popularity, with apple trees and grapes receiving considerable attention. The farmers are also becoming interested in the growing of early tomatoes and cantaloupes.

Along the White river, in the northern part of the State, unrivaled scenic beauty is being balanced with a burley tobacco growing development of national importance, extensive grape and apple plantings, and the profitable production of truck crops for both canning and shipping.

The hills bordering the Arkansas river, between Little Rock and Fort Smith, present great possibilities for the profitable culture of the Campbell's Early variety of grape, as demonstrated by the colony of German fruit growers at Altus. Along with grapes, the Missouri Pacific Agricultural Development Department is encouraging the growing of peaches and, in certain special localities, apples and strawberries.

There are sections in southwest Arkansas offering every desirable condition for the growing of truck crops and peaches. Considerable acreage of watermelons and cantaloupes, especially, are planted around various points in this part of the State. Radishes and early tomatoes are new developments being widely tried. Pike and Howard counties comprise one of the greatest peach growing districts in the country.

The locality known as the Monticello Ridge, in southeastern Arkansas, is especially suitable for the growing of early tomatoes and promises to become famous for its shipments of this one crop. Peaches, watermelons, radishes and cabbage are other crops being grown with profit.

Where the growing of dairy cattle, poultry, live stock, or general farm crops other than corn and cotton offer possibilities of increased profit to the grower, the Missouri Pacific is anxious to see that thing added to the old system.

Arkansas is a Giantess at dawn, rubbing her eyes preparatory to a great agricultural awakening.

AERO DUSTING SUCCESS.

(Continued from Page One.)

exceedingly dangerous for the reason that it must be done at very low altitudes where motor failure means immediate landings—and growing cotton will surely cause an airplane to turn over on its back.

A surprising fact, due undoubtedly to new ships and a new type of air-cooled motor, is that this company only experienced one forced landing last season, and this one was accomplished without damage of any kind. This is remarkable when it is remembered that this company operated a fleet of forty airplanes.

The people of Louisiana have found it most advantageous to organize into districts similar to their levee districts where a majority vote is obtained before the contract is made and each grower is assessed his pro rata share of the expense. This reduces the administrative overhead of all concerned and allows the service to be rendered at a minimum expense. Scattered customers are not profitable since the amount of effort required to reach and "dust" them does not pay either. Because of the excessive demand made upon this concern for its services, it is able to pick those communities most favorable for their work being confronted with approximately twice the amount of work which they can do this season, although they have increased their fleet of airplanes from forty to eighty.

Another interesting side-light on their operations is that they have been in old Mexico all winter where they have been "dusting" vegetables against certain pests and are now moving north as the vegetation rises until they re-establish themselves again in the South, where they will take up the fight again of ridding the country of the boll weevil. This certainly seems to be a modern version of the old proverb of "When in Rome, do as the Romans do." In this case, man, in his desire to rid himself of certain "bugs," has had to turn "bug" himself and accomplish the destruction of the pest by seeking him out from the air.

This concern, through its manager, Mr. H. R. Harris (ex-First Lieutenant, Air Service, and the man to fly for the first time in the world's highest airplane, the Barling bomber), has consented to send a fleet of these craft to the Little Rock Air Races to demonstrate. They will be given a portion of the Little Rock Airport to "dust" on the second day of the air meet and it is expected that a record crowd will be present to view this demonstration which means so much to a majority of the farmers of Arkansas.

Briefly, the "dusting" is accomplished by building into the body of the craft a compartment which will accommodate about 300 pounds of poison in the form of "dust." The pilot is assigned an area of the correct size for his load and proceeds to that point, where he begins work. By means of utilizing the air blast from the propeller through an air scoop fastened to the bottom of the poison compartment, the "dust" is made to travel down and out of the compartment and into the air blast of the propeller where it is blown out over a sector about an acre in width. The pilot continues to fly a straight line until the limits of his territory is reached, when he turns and repeats the process until the area is completed. You can readily see that where whole communities contract for this service that the operator is not so bothered with turns, poison lost on lands not customers, and, of the necessity of flying long distances in order to reach isolated farms or districts, where to do so would require more time and supplies than would be profitable.

Arkansas deserves to be proud of the effort being made at Little Rock to provide an adequate airport as its part in assisting in the defense of the nation and the progress of this new method of locomotion. The new million dollar airport at Little Rock is easily the most modern and up to date in the whole country and has been so pronounced by some of the highest ranking Army and Navy officials. It was granted primarily for use of the 154th Army Observation Squadron, Arkansas National Guard, when that organization was sought and obtained last fall. However like many other projects, it has grown far beyond the rosiest dreams of its sponsors. Proof of this being the fact that it has been designated as the starting point of the 1926 National Elimination Bacon Races, the winner of which will be sent abroad to race in the International Gordon Bennett Race to be held this year in Belgium. This great honor was accorded it over strong bids made by Louisville, Ky., Muskogee, Okla., and Kansas City, Kan.

The Little Rock Air Meet Association plans a two day event, the first to be filled by exhibits of bombing demonstrations such as may be expected to occur in future wars. Parachute jumping by army fliers, in which the jumper risks everything upon the proper functioning of a small cord. Aerobics by some of the army's fastest pursuit planes and as a finish, the release of the captive balloons for their race. This race is determined by distance traveled from the starting point without touching the ground, and is accomplished by a judicious use of ballast, the release of which allows the aerobics to rise, and the use of gas, the release of which allows the aerobics to descend. By using these two forces the contestants seek those strata of air most favorable to their progress, and sometimes rise as high as 16,000 to 18,000 feet in order to find most favorable winds. Because of certain meteorological factors prevailing in this part of the world at bacon races will be won to the east of a line running north and south through Little Rock. The dawn on several past years of this contest has averaged from a thousand to twelve hundred miles so that the winner may be expected

to land in southern Ohio, West Virginia or the western part of Virginia and the Carolinas. The second day's events are intended to be strictly airplane contests where the latest in commercial and military design are promised. It will consist of demonstrations of passenger and freight carrying capacity of these types. A National Guard airplane race between the states of Missouri, Tennessee, Alabama and Arkansas for a suitable cup trophy, and various other demonstrations of military and civil aircraft. The officials hope to make it as nearly a commercial affair, so far as entrants are concerned, as it is realized that by so doing they will be assisting in the progress of aviation probably more than if they held it to a strictly military display.

These achievements by Arkansas during the year 1926 should be the pride of every citizen of the state and one which is to be passed along by them to people outside of the state as well as to the people of the state, and the dates, Thursday and Friday, April 29 and 30, should be the time when every public-spirited citizen should appear at the races to assist in making it a success.

OUR GREATEST INDUSTRY IS NEGLECTED.

By T. Roy Reid.

The problems of the farm are multitudinous. Society is dependent on farms for food and clothing. All people are, therefore, vitally interested in the welfare of the farmer and in the solution of the many problems common to his business.

Because of these facts, governmental agencies have been created to aid the farmer in mastering some of the forces with which he has to contend in his daily round of production and marketing. The aid that is given is not sufficient to give all needed help, but is essential to the welfare of the farmer and to the great mass of people who are dependent on him for a living.

If other businesses and industries were so complicated as the business of farming and were so dependent on the vagaries of the weather, on the control of insects and disease, and so responsive to other natural forces about which much is yet unknown, and if these businesses or industries were so necessary to the welfare of people at large as is agriculture, there would be more governmental assistance given to such businesses than has ever been given to agriculture. Such businesses or industries would demand more because of their organized condition and consequent ability to make demands than does agriculture.

Agencies have been created to aid in agricultural production and marketing. These agencies, such as the U. S. Department of Agriculture, the State Department of Agriculture and the College of Agriculture with its Extension Service, are doing much to aid farmers, and the progress of the agriculture of the State is closely related to the regulatory, research and Extension work being carried on.

The closest and most personal contact made with the farms is that made by the County Farm Demonstration Agents in the educational and demonstrational work which they are doing. This close relationship is shown in the report of the 56 white County Agents working in Arkansas last year, who made 24,310 visits to 11,851 different farms in carrying on their work. There were 31,914 farmers who called in person at the office of these agents to obtain assistance or information, and there were 21,044 telephone calls made to these offices. There was an attendance of 270,060 farm folks at 7,300 demonstration meetings, extension schools and other meetings held.

There was a direct saving to farmers of the State of \$325,633.56 from the assistance which County Agents gave with marketing problems. There was a gain of about \$220,000 due to the increased yield of 362 pounds of seed cotton per acre which was made on the 931 cotton demonstrations involving 8,771 acres. Proportionate gains were made on other crops and live stock demonstrations. The largest results of this work are not in the direct savings effected by farmers, but in the educational growth and community development which comes from such work.

There were 7,082 boys enrolled in 4-H Club work, and these boys made average yields of crops far above the average of the State. The Corn Club boys averaged 28.8 bushels of corn to the acre; the farmers of the State averaged 14 bushels. The boys in the Cotton Club averaged 348.6 pounds of lint cotton to the acre; while the farmers of the State averaged 196 pounds. The boys in the Sweet Potato Club averaged 147 bushels of sweet potatoes to the acre; while the average of the State was 85 bushels.

It will be seen from this that farmers are availing themselves of the opportunity to obtain this service and are profiting by it. There is a vital need for such service, for no one man can understand all of the intricacies of science involved in the production of crops and livestock. There is a limited amount of counsel available for the farmers and this is paying big returns to those who are using it.

Hon. T. Roy Reid advises this department that he has for distribution the following timely publications. Request for these should be addressed, 310 Federal Bank & Trust Bldg., Little Rock, Arkansas. 208, Making Farm Butter; 211, Low Cost Farm Water Systems; 212, Spraying Grapes in Arkansas; 213, Cotton Varieties in Arkansas; 214, Fertilizer Recommendations; 99, Sweet Potato Culture in Arkansas; 140, Home Vegetable Garden in Arkansas; 149, Soil Management and Fertilization; 167, Soy Beans; 182, Terracing Farm Land; 184, More Pigs per Litter to Weaning Age; 187, Destroying the Boll Weevil in Winter; 197, Rice and How to Use It.

FARMERS EXCHANGE

LIVE STOCK FOR SALE.

WANTED TO BUY—Milk goats in Searcy county, or any adjoining county, one or more, if prices are reasonable. H. F. Palmer, Leslie, Ark.

FOR SALE—Forty head of good milk goats cheap. T. J. Mitchell, Timbo, Ark.

JERSEY MALE—For sale or exchange for equal value. Raleigh's Princess Gamboge No. 215135. His dam is Merit Register. Solid color and 4 years old. Easy to handle. Henry Paxson, Knoxville, Ark.

POLAND CHINA PIGS—Six almost full strain, 6 weeks old. Price \$6.00 each. M. M. Rotramel, Sulphur Springs, Ark.

WANTED TO BUY—Registered Poland China pigs. T. E. Rhine, M. D., Thornton, Ark.

FOR SALE—One team of mares, weight 1,200 pounds each. One team mules, 6 1-2 years old, 800 lbs. each. Priced right. M. F. Hibbard, Fallsville, Ark.

FOR SALE—Registered Swiss Toggenburg milk goats, young stock. J. W. Bacchus, Benton, Ark.

WANTED TO BUY—A thoroughbred Angus bull or bull calf. A. A. Norsworthy, Lonsdale, Ark.

FOR SALE—Three-year-old registered Holstein male; write or wire, W. N. Wilkes, State House, Little Rock, Ark.

WANTED—Spotted Poland China and Chester White hogs. Also best breed of milch goats. Andrew Simmons, Cave City, Ark.

TOWN PROPERTY FOR SALE.

FOR SALE—Complete stock of merchandise, will sell or trade for land in the West. Leaving on account of health. Desire land in West Oklahoma. Reference, Dun and Bradstreet. A. C. McKay, Mena, Ark.

FOR SALE—Two lots with 4-room house. Young orchard. Will sell cheap, or trade for late model Ford touring car. Roy Ayotte, Box 900, St. Francis, Ark.

FOR SALE—Equipment for ten-room rooming house. Located near depot; cheap rent. Will exchange for other business. Annie Janes, St. Francis, Ark.

14 LOTS, 50x150, in town of North Yellville. All fenced and improved. Three-room house, good cellar, fine water. One-fourth of acre in berries, 40 young fruit trees. Three blocks to postoffice

INQUIRIES

W. H. Burfield, Royalton, Minn. Wants to move south. Prefer Benton and Washington counties.

David Flora, Fredericksburg, Va. Inquiring about Arkansas land.

Dr. O. R. LePere, 1401 E. Patterson Ave., Kirksville, Mo. Wants to locate in Arkansas.

J. S. Lilly, Pool, W. Va. Seeking general information—desires to make Arkansas future home.

F. E. Whitney, Plaza, N. D. Requests information to agricultural and industrial conditions in Arkansas. Wishes to make Arkansas future home.

Dan Mintnee, Caledonia, Mich. Desires to buy farm land either in Pulaski, Faulkner, Conway, Lawrence, Independence and Jackson counties.

Mrs. C. J. Propat, Davenport, Iowa, 729 Kirkwood Blvd. Wants to buy land in Arkansas as an investment.

H. C. Rockhold, 2615 1-2 Strong Ave., Argentine Station, Kansas City, Kan. Wishes to purchase Arkansas land. Seeking general information.

S. P. Powell, Spotsylvania, Va. Interested in Arkansas real estate.

A. L. Teter, State Hospital, Topeka, Kan. Interested in Arkansas lands as an investment.

Tom Connors, Kalispell, Ont. Desires information relative to public lands in Arkansas.

Russell Congleton, Route 1, Lebanon, Ohio. Wants to buy farm in Arkansas for future home.

Chas. A. Baker, 1125 Wyoming St., St. Louis, Mo. Would like information relative to crops and farm conditions. Wants to move to Arkansas.

J. A. Davis, 14404 Tuland Ave., Cleveland, Ohio. Wishes to purchase small farm near good growing town. Would like information.

G. E. Arnold, 423 Bell, Beatrice, Neb. Would like to buy good farm in Arkansas close to railroad town.

I. Bartmeas, Ramona, Okla. Desires to get in touch with real estate companies, in Benton, Washington, Madison, Carroll, Crawford and Sebastian counties. Would like to buy cattle and hog ranch.

George A. Fry, Fairmount Hotel, 59 Commerce St., San Antonio, Tex. J. Cowman, Rockland, Idaho,

and church; 2,890 Bermuda onion sets out, potatoes planted, one fine milk cow, one saddle pony, plow harness and tools, give bee stands; 10 Barred Rock chickens, household goods included. Price, \$1,500.00, immediate possession. Abstract furnished. T. J. Seay, Summit, Ark.

FIELD SEED.

DELFO 6102—Cotton planting seed. Pure, picked before rains. Germination high. Certified by Arkansas Seed Growers' Association for quality and purity. Price \$125 per ton. Earl Kilpatrick, Marianna, Ark.

DELFO 6102—Pure, sound, picked before rains. Carefully handled, privately ginned; \$2.00 per bushel, ton lots less. J. W. Willis, A. & M. College, Miss.

LARADO SOY BEANS—for sale; \$6.50 per bushel. Sample on request. H. S. Summerlot, Hickory Ridge, Ark.

FOR SALE—Cotton seed. Sikes germination 91 per cent. Picked before rains. Good producer, early as Kings. Price \$1.25 per bushel. Also Kasch cotton seed, 94 per cent germination, \$1.50 per bushel. Mrs. T. W. Owens, Bingen, Ark.

1,000 BUSHELS OF COW PEAS for sale. Write for prices. R. L. Newton, Wilton, Ark.

SEED CORN—Paymaster and Cocke's Prolific. Pure, certified, carefully selected, nubbed, shelled and graded. Especially adapted for Arkansas. Price, \$3.50 per bushel. Earl Kilpatrick, Marianna, Ark.

MIXED ROWDEN AND MEBANE Cotton seed; germination 90 per cent; picked in September. \$3.50 per hundred. Cash with order. Lambert Bros, Holly Grove, Ark.

WANT TO BUY—Eight or ten bushels of red multiplying onion sets. Please quote prices. J. R. Hudson, R. 1, Box 20, Clarksville, Ark.

COTTON PLANTING SEED—Delfos 6102 and Acala, picked early; germination guaranteed. Lambert Bros., Holly Grove, Ark.

FOR SALE—Two tons of pure Express cotton seed. Price \$100 per ton, f. o. b. McCrory. W. N. Wilkes, State House, Little Rock, Ark.

500 POUNDS OF MUND BEAN SEED for sale, \$20 per hundred, in wholesale lots. Gordon Steed, Star City, Ark.

ACALA AND ROWDEN—Best planting seed in Arkansas. Loy E. Rast, Newport, Ark.

G. H. Anderson, Buffalo, Okla.; G. L. Eaton, 3701 Victor, Kansas City, Mo.; F. W. Stelzer, Sioux Falls, S. D.; Wm. Kern, Box 8, Otisco, Ind.; Wm. Ver Bryck, Menomonee Falls, Box 43, Wis.; Mrs. Louis Pigg, 110 Forest Ave., Bonner Springs, Kan. The above mentioned people are interested in Arkansas, some seeking homes, others investments.

George Shay, Hollywood, Fla. Wishes to purchase farm land near Shirley, Van Buren county, for future home.

G. L. Hicks, Weedowee, Ala. Wants to buy Arkansas farm land.

Chas. Sanford, R. D. No. 1, Rock Stream, N. Y. Seeking warmer climate. Would like to move to Arkansas.

W. A. Barnett, Eagle Lake, Tex. Interested in Washington and Benton counties. Healthy location close to good hunting and fishing.

Eddie Erickson, R. F. D. 1, Box 32, Centuria, Wis. Interested in Oark section for permanent home.

R. L. Munson, Box 983, Charleston, W. Va. Wishes to locate in Arkansas. Seeking information regarding farming, fruit growing and climate conditions.

W. T. Davis, 1129 South 10th St., Gadsden, Ala. Wants to buy 150 acres near Hot Springs. Prefers most of the land uncultured. Planning to come to Arkansas about April 15th.

Calvin R. Sanders, Box 83, Buckeye, Ariz., and Mrs. E. J. Willman, Route 1, Box 7, Brownwood, Texas, contemplates moving to Arkansas.

G. G. Parmenter, 43 E. Church St., Orlando, Fla. Wishes to purchase land along Mississippi river for pecan grove.

Frank C. Randall, 347 Meals St., Chadron, Neb. Desires to buy farm for fruit and chicken raising. Prefers Ozarks.

Alfred J. Back, Chadron, Neb. Wants to move to Arkansas. Seeking information.

T. M. Sanders, Duncin, Fla. Desires well located farms, business and residence property in Arkansas.

FARMERS EXCHANGE

MISCELLANEOUS.

LILLIES—All kinds and colors, three for 25c. Cannas, all colors, three for 25c. Vines all varieties, three 25c. Violets, purple and white with blue, 25c. Seven varieties chrysanthemums, 25c each; 25 hardy shrub bulbs and plants, any selection, 75c. Monthly roses, 25 good cuttings, 25c. Will exchange any of these for pure-bred chicks or eggs. Mrs. B. E. Shreer, Des Arc, Ark.

CERTIFIED SWEET POTATO plants, grown from choice Porto Rico and Nancy Hall varieties. More than 300 bushels bedded. Can fill your order. Waller Bros., Judsonia, Ark.

200-EGG WISCONSIN INCUBATOR—Good as new, \$12.50, also one Belle City Brooder, 140-chick size. Price, \$4.00, or both for \$15.00. Will trade for sheep or anything I can use. M. M. McCall, Bradford, Ark.

FIVE-TON BULLOCK CREEPING TRACTOR. Skidder attachment. Hoisting attachment. Hoisting drum. Capacity of lifting 400 to 500 ft. logs. Mrs. J. P. Keiser, Osceola, Ark.

WILL EXCHANGE—Eastman Premo Camera, 5x7, either plate or film polk, for portable typewriter. Otis Curtis, Sims, Ark.

NATURAL LEAF TOBACCO FOR SALE—Chewing, 30c per lb. Smoking, 15c per lb. Grown and cured by an old Kentucky tobacco grower. Pay postage on orders of \$3.00 and up. James O. Buff, Paragould, Ark., Route 3.

FOR SALE—One 8 h. p. boiler and a 5 h. p. engine, both upright and in good condition. Bought to run small cannery, hut have outgrown this and will purchase larger one. Price of boiler and engine, f. o. b. car Alpena Pass, \$150.00. Albert Stewart, R. F. D. 2, Alpena Pass, Ark.

POTATO PLANTS—Porto Rico and Nancy Hall potato plants ready to ship April 15th; 1,000 delivered, \$2.50; 5,000 delivered, \$11.00 or 10,000 delivered, \$20.00. F. W. Brown, McCaskill, Ark.

ONE RESTAURANT—On truck; good condition. One-ton truck equipped for hauling. One lot of boys' and small men's suits, pants and shirts. One lot of shelled popcorn. Set of computing scales. Annie Jones, St. Francis, Ark.

DELFO 6102 AND ACALA pure Cotton planting seed, picked before rains; germination high. Earl Kilpatrick, Marianna, Ark.

STRAWBERRY, CABBAGE, PEPPER and Potato plants. Plenty good seed sweet potatoes; car lots or less. Special prices on large orders. Issue a booklet on berry growing free. J. A. Bauer, Lock Box 38, Judsonia, Ark.

FOR SALE—Year-old apple trees, 17c each; peach, 25c; cherry, 50c; pear, 50c; grape plants, Concord two-year-old, 10c each, \$5 per hundred; Moon's early, 10c, \$7.50 per hundred. Delivered free. Durham Nursery, Stella, Mo.

POULTRY AND EGGS.

S. C. BUFF ORPINGTON EGGS—Laying strain, standard weight, 17, \$1.50; 35, \$3.75; range flock; insured. Prepaid. Mrs. Pat Jennings, Route 2, Foreman, Ark.

SINGLE COMB WHITE LEGHORN EGGS—\$1.50 for 18, or \$5.00 per 100, prepaid. White runner duck eggs, \$1.25 per dozen. R. L. Murphy, R. F. D. 5, Jonesboro, Ark.

MOBLEY'S BARRED ROCKS—Bred from best strain. Setting eggs and stock. Write for prices. Cliff Height Poultry Farm, Prairie Grove, Ark.

RHODE ISLAND RED EGGS for sale. Owens strain; \$1.25 for 15, or \$6.00 per 100, prepaid. Mrs. Byron Ashcraft, Box 113, Casa, Ark.

WHITE LEGHORNS—Pure bred, Hoffman strain, \$4.00 per 100. Mrs. Stamford Bonds, Blevins, Ark.

S. C. WHITE LEGHORNS—Tancred strain, large white birds; \$1.50 for 15, \$6.00 per 100. Mrs. G. P. Edison, Springdale, Ark.

FOR SALE—Barred Plymouth Rock eggs, \$1.00 for 15, or \$1.50 for 30. Mrs. D. C. Davis, Pangburn, Ark.

S. C. DARK BROWN LEGHORNS—Everlaying strain. Seventy-five cents per setting. White Leghorns, Tancred strain, \$1.00 per setting of 15. S. C. R. I. Reds, 75c, or \$5.00 per 100. J. W. Burns, Newburg, Ark.

S. C. WHITE LEGHORN EGGS—M. Johnson strain, \$1.00 for 15, or \$5.00 per 100. Mrs. Leo Allen, Plumerville, Ark.

S. C. D. BROWN LEGHORNS—Surplus cockerels at a bargain. Four-dollar birds, \$1.00 each. Fine laying strain. H. J. Riggs, Route 2, Box 98, Fort Smith, Ark.

S. C. RHODE ISLAND RED EGGS for hatching, \$1.25 for 15, or \$6.00 per 100. Mrs. C. H. Bell, Route 1, Box 3, Springfield, Ark.

HOLTERMAN'S DARK BARRED ROCKS, White Leghorns and Black Minorcas. Eggs, \$1.00 for 15. M. M. McCall, Bradford, Ark.

FOR SALE—Ferris Strain S. C. W. Leghorn hens, \$10.00 per dozen, with cock. J. Martin, Franklin, Ark.

GOLDEN BUFF LEGHORN EGGS, 75c per setting. Elmer Fritts, Bald Knob, Ark.

S. C. W. LEGHORN EGGS for rooted Marchenell roses or double white or golden chrysanthemums. One setting for 50 plants or three roses. J. Martin, Franklin, Ark.

IMPERIAL PEKIN DUCK EGGS, also pure-bred Silver Spangled Hamburgs and Buff Orpington duck eggs. Twelve for \$1.75. J. L. Carmon, Route 1, Box 52, Blevins, Ark.

S. C. BROWN LEGHORN EGGS, Laying strain. Fifteen for \$1.25, or 30 eggs for \$2.00. Thos. Hester, Lonoke, Ark.

FAWN-WHITE INDIAN RUNNER DUCKS—Heavy laying strain. Fifteen eggs, \$2.00, or five settings, \$9.00, prepaid. Mildred Miller, Freedom, Okla.

SELECTED BRED TO LAY STRAIN mated to pedigree cock. Eggs from this hen, \$2.50 per setting. Cockerels from pedigree sire for sale, \$3.00. Thos. Hester, Lonoke, Ark.

BLUE ANDALUSIANS—Prize winning stock, \$1.50 and up. Royal blue strain eggs, 95c for 15 eggs. Mrs. Nina Ayotte, Box 900, St. Francis, Ark.

BARRED ROCKS and Rhode Island Red eggs for sale. Fifteen eggs for \$1.50, prepaid. Mrs. J. R. Ashley, R. F. D. 1, Box 43, Mabelvale, Ark.

WHITE WYANDOTTES—Range eggs, \$5.00 per 100; chickens, \$12.50; 1st pen eggs, \$5.00 per fifteen prepaid. Little chickens, \$15.00 per 100 prepaid. White guinea roosters, \$1.50; hens, \$1.00. Mrs. Avery Allen, Macon, Mo.

S. C. DARK BROWN LEGHORN—Eggs, Russell strain. Prize winner at the county fair, \$1.25 for fifteen; \$6.00 per 100, prepaid. Cocks, \$1.50 to \$2.00 each. Mrs. A. L. Fuller, Waldron, Ark.

BARRED PLYMOUTH ROCKS—McLester's light matings, win ribbons and all breeders have either trap nest records of 200 or better out of 200-egg dams. Yard No. 1, \$2.50 per 15 eggs; yard No. 3, headed by 267-egg male, \$3.50 per 15, all delivered. Baby chicks out of above matings, 30c and 40c. Ray L. McLester, Box 49, Pangburn, Ark.

S. C. D. BROWN LEGHORNS—Famous everlay strain from McLester's Leghorn yards; are nature's egg machine. Won all first prizes at Arkansas State Fair 1925. Nice lot of cockerels from Blue Ribbon sire, \$2.50 each. Eggs, \$2.50 per 15 from our best yards. Range flock \$1.50 per 15, delivered. Ray L. McLester, Box 94, Pangburn, Ark.

BARRED ROCK—Pure bred eggs; good for laying strain, \$5.00 per hundred. M. A. Vandever, R. 1, Box 70, Lincoln, Ark.

BABY CHICKS—For sale, fifteen to twenty-five cents each; eggs, \$1.50 to \$10.00 per setting. Pens mated and culled by an expert poultryman. For particulars, H. H. Holtzclaw, Sec. Beebe Poultry Breeders Assn., Beebe, Ark.

RHODE ISLAND RED—Eggs for sale; pen No. 1, \$1.50 per setting; pen No. 2, \$1.00 per setting of sixteen eggs each. Mrs. Sadie Baird, Hoxie, Ark., Route 1, Box 53.

NARRAGANSETT TURKEY—Pure bred; eggs, 50c each; \$4.50 for setting of ten. Mrs. Olive Ledford, Gid, Ark.

FOR SALE—Three full-blood Indian Game roosters, 2 1-year-old, \$2.00 each, one 2-year-old, \$1.50. Julia Mitchell, Route 2, Box 108, Scranton, Ark.

RHODE ISLAND R. C. WHITES, pure bred. Won prize at Monticello laying contest. Russell strain. Setting of 15, \$1.50, or \$8.00 per 100, prepaid. A. D. Ballard, Route 2, New Edinburg, Ark.

PURE BRED R. I. RED EGGS for sale, \$2.00 for 16, prepaid. Mrs. S. A. Hale, Caledonia, Ark.

WHITE WYANDOTTES—Pure bred, from select stock. Setting of 15, \$2.50, prepaid. Mrs. O. D. Earle, Ouachita, Ark.

ENGLISH WHITE LEGHORNS—Setting of 15, \$2.50, block of 95 hens laid in three months, 5.147 eggs. Mrs. W. E. Eubanks, Wilmar, Ark., Route 3, Box 64.

FOR SALE—Mammoth Pekin and Buff Orpington duck eggs, \$2.00 setting of 12 eggs. E. T. Milner, Route 1, Blevins, Ark.

SINGLE COMB WHITE LEGHORNS—Tancred strain. Wonderful winter layers. Carefully selected matings, setting of 15 eggs, \$1.25, or \$6.50 per 100, prepaid. Satisfaction guaranteed. J. C. Kelley, Box 36, Ione, Ark.

MAMMOTH WHITE PEKIN DUCK EGGS. Ten for \$1.50. Mrs. E. E. West, Route 4, Paris, Ark.

RHODE ISLAND RED EGGS—Sprawl's Bess strain, \$1.50 per setting of fifteen. Mrs. Y. R. Royal, Box 35, Monticello, Ark.

WHITE LEGHORNS—From wonderful winter layers. Write for circular on eggs, big fluffy chicks. W. W. Rhoads, Route 4, Box 110, Conway, Ark.

BARRED PLYMOUTH ROCK EGGS. Thompson strain, \$1.50 for 15 eggs. Pure-bred Partridge Cochins eggs, make the largest capons, \$2.00 for 15 eggs. White Leghorns from laying strain, \$2.00 for 16 eggs. O. L. Thompson, Route 1, Lonoke, Ark.

WANTED TO BUY.

WANT TO BUY—Peach seed for nursery stock. Lee E. Potter, Route 1, Sapulpa, Okla.

WANT TO RENT OR BUY—Good Benton or Madison county farm, close to school. M. M. Rottrammel, Sulphur Springs, Ark.

WANTED—Bees wax; large quantities. Wright-Ferguson Co., 517 N. Third St., St. Louis, Mo.

SEED SWEET POTATOES and slips wanted. Quote prices. Ed Kincade, Pochontas, Ark.

DOGS FOR SALE OR EXCHANGE.

FOR SALE OR TRADE—Two hound pups, both males, 6 months old. From good coon and tree dog stock. One for \$8.00, or both \$15.00. Would exchange for Aire dale pup, sheep or anything of equal value. M. M. McCall, Bradford, Ark.

EIGHT HOUND PUPPIES FOR SALE—Very cheap. Crossed between Walker Redbone and Black and Tan. Sired from real tree dogs. Charley A. Rudick, Route 3, Box 3, Garfield, Ark.

ENGLISH SETTER—Male, 7 months old. Fourteen champions appearing 21 times in six generations. A real dog. Prefer bred gilt eligible to register, or radio in exchange. N. L. Cook, Box 171, Waldron, Ark.

FARMS FOR SALE.

160-ACRE JOHNSON COUNTY FARM for sale; 83 acres in cultivation; three-room house, good barn, large cellar, 750 bearing apple trees, two good wells; one mile to school and church. Large free range for stock. J. M. Tate, Dale, Ark.

110-ACRE FARM—35 acres in cultivation; three-quarters mile from school; two and one-half miles from postoffice; seven miles from good town. Free stock range. Price, \$1,200. Winchell Matthews, Yardelle, Ark.

160-ACRE FARM FOR SALE—90 acres cleared, hal-ance woods. Two sets of improvements and plenty of good water. C. M. Cotton, R. 1, McRae, Ark.

BENTON COUNTY FARM—For sale: 160 acres, all in cultivation; 20 acres good apple orchard; five-room house, barn, granary, cellar and other outbuildings; located on good road, mail route, close to school and church; healthy climate. Price \$7,500. R. S. Broadhurst, Pea Ridge, Ark.

10-ACRE TRUCK FARM—Adjoining the town of Leslie, on the M. & N. A. R. R.; town of 1,500. Will trade for good car or sell cheap for cash. Abstract furnished. T. J. Seay, Summit, Ark.

60 ACRES—Two miles of Beebe; all level; plenty of timber; fenced and cross fenced; new barn, necessary outbuildings, good young orchard; seven-room frame house; beautiful lawn; three-quarters mile to graded school and church. Price \$4,000. J. M. Rathliff, Star Route, Beebe, Ark.

780 ACRES FOR SALE—Smallest tract 20 acres and largest 160 acres; 18 residence lots in city of Conway. For quick sale will take \$7,800 for the 780 acres. Lots reasonable. W. H. Duncan, Conway, Ark.

FOR SALE OR TRADE—20 acres timber and mineral land. Albert Ware, Rush, Ark.

FARM FOR SALE—160 acres in foothills of Ozarks, 8 miles from railroad, near school and church; rural mail and telephone; good buildings, young orchard, fine water; good outside range. J. B. Jones, DeQueen, Ark.

FARM FOR SALE—Five miles from county seat, near school and church; young orchard; 30 acres in cultivation; comfortable buildings. W. H. Taylor, R. 3, DeQueen, Ark.

DELTA FARMS FOR SALE—In tracts of 24, 80 and 94 acres; 160 acres in Crittenden county, 21 miles from Memphis, Tenn.; on pike; well drained and will grow anything. Cash and terms to suit, \$100 per acre. H. K. Morris, Crawfordville, Ark.

155 ACRES—In Carroll county; 100 acres in cultivation and pasture; well watered; good limestone soil; seven-room house and good outbuildings; close to good school and church; three-room renter's house. Selling on account of old age. W. B. Wright, Grandview, Ark.

FARMS FOR SALE—Large or small tracts; on bard surfaced road; six miles from Osceola, Ark. Mrs. J. P. Keiser, Osceola, Ark.

FOR SALE OR EXCHANGE—76-acre farm near state highway; 20 acres in bermuda grass; good farm land; five-room house, and all outbuildings in good repair. W. C. Henderson, Greenbrier, Ark.

FOR SALE—Four and one-quarter acres, on state highway; one-half mile from Smithville; five-room house, barn and chicken house. C. W. Dawson, Smithville, Ark.

80-ACRE FARM FOR SALE—40 acres under good wire fence; 30 acres in cultivation; plenty of timber for home use; family orchard; large house and small barn; on good highway; daily mail; seven miles to railroad. Price \$1,500. Write for complete description. T. J. Dooley, Stafford, Ark.

FOR SALE OR TRADE—20-acre farm near Hardy; good poultry, fruit or truck farm. Wm. A. Richardson, South Fork, Ark.

160 ACRES FOR SALE—100 in cultivation; four sets of improvements; good orchard; plenty of timber; near schools and church; seven miles of DeQueen; level second bottom land. Price \$8,000. J. W. Turnage, R. 4, DeQueen, Ark.

40 AND 50-ACRE TRACTS—For sale. Desirably located to school and church, also county seat. Near two test wells for oil; daily mail and telephone. T. C. Duckworth, R. 4, Hamburg, Ark.

FOR SALE—237 acres; 115 in cultivation, \$30 per acre. Three tenant houses. 215 acres, one mile of town; 80 in cultivation; one house (new). \$60 per acre. T. D. Wilkes, Augusta, Ark.

FOUR NICE HOMES—For sale cheap, also lots. T. D. Wilkes, Augusta, Ark.

80-ACRE FARM FOR SALE—One and one-fourth miles from city limits of DeQueen; no buildings; 20 acres in bermuda pasture; plenty good water; practically free of rock; good, strong soil; \$1,000. Tom G. Taylor, DeQueen, Ark.

SMALL FARM FOR SALE—12 3-4 acres, near small town; on highway; four miles from county seat; comfortable buildings; ideal for poultry and dairy ranch. Price \$600. H. S. Shaw, DeQueen, Ark.

FOR SALE—160 acres good hill land; no rocks; four miles north of Plummerville, on pike; three houses; plenty of good water; everlasting spring in pasture; small orchard enough for family; 120 acres in cultivation, 20 acres in timber, 20 acres pasture. Price \$4,500. Leo Allen, R. 1, Box 100, Plumerville, Ark.

20-ACRE PERRY COUNTY FARM FOR SALE—15 acres in cultivation; three-room house, barn and potato house; 200 fruit trees, also grape vines; close to state highway, school and church. Price \$600. J. A. Hamilton, Adona, Ark.

FOR SALE—All or part, cut-over lands, \$10 to \$20 per acre; terms to suit. 650-acre Red river farm with 15 new houses, including eight-room dwelling; \$50,000. R. H. Hanson, Lewisville, Ark.

999 ACRES—In Benton county; suitable for ranch or fruit; good water; will sell cheap. Fred Pfotenhauer, R. 4, Siloam Springs, Ark.

FOR SALE OR TRADE—40 acres near Truman; bottom land all fenced, good net wire; 35 acres in cultivation; two-room house. Write me what you have. C. R. Kirksey, Box 856, Redondo Beach, Cal.

49 1/2 ACRES FOR SALE—20 acres in cultivation, balance in timber; all fenced; five-room frame house; large barn; good outbuildings. J. D. Taylor, Parma, Ark.

20-ACRE FRUIT AND BERRY FARM—Three miles from Alma; new four-room frame bungalow; good outbuildings; hog pasture and plenty good water; large orchard; 18 acres in cultivation, two acres in timber, one acre in strawberries, one-half acre of blackberries; ideal home with good improvements. Price \$1,600; half cash, balance easy terms; title clear. C. L. Steinsiek, R. 5, Alma, Ark.

20 ACRES—One and one-fourth miles of Leslie; part cleared; no improvements; good poultry and truck farm. Will sell or trade for high car in good condition. T. J. Seay, Summit, Ark.

IMPROVEMENTS ON 80-ACRE homestead for sale; strong mountain land; good house, barn, young orchard; plenty of water; good pasture; part in cultivation; some valuable timber. Price \$150. Geo. W. Kinsey, Hanover, Ark.

240-ACRE SHARP COUNTY FARM—For sale; 75 acres in cultivation; creek bottom and upland; well watered; free range and well timbered; three-room house, good barn; will grow cotton, corn, alfalfa and all kinds of hay. Price \$14 per acre. F. M. Biggs, Poughkeepsie, Ark.

160-ACRE WELL IMPROVED—75 acres in cultivation and fruit trees; good six-room stone house, good outbuildings. Will sell all or a part at a very reasonable price. Mrs. J. F. Cooper, R. 1, Box 67, Mammoth Spring, Ark.

REAL BARGAIN—160-acre mountain home, well improved and in cultivation; crop goes with farm. For description and price, write Geo. W. Kinsey, Hanover, Ark.

215 ACRES—90 acres in cultivation; river bottom and upland; four-room house, also two-room house; good barn. \$15 per acre. F. M. Biggs, Poughkeepsie, Ark.

280 ACRES FOR SALE OR EXCHANGE—Want barber shop, cafe located in good town; stock and tools go with farm. T. J. Mitchell, Timbo, Ark.

120 ACRES FOR SALE—40 acres in cultivation, 30 acres in woods and pasture; nice young orchard, plenty grapes; five-room house, also two-room house; title clear; \$2,500. James O. Gilley, R. 2, Box 21, Patmos, Ark.

240 ACRES—Nine miles of railroad, one mile of school; house; good water; 100 fruit trees; big free range. Price \$600. J. C. Perry, Advance, Ark.

160 ACRES FOR SALE OR EXCHANGE—In central Wisconsin, for land in Arkansas. Mrs. Jas. S. Kriebel, Mammoth Spring, Ark.

42 1/2 ACRES FOR SALE—On pike; 16 acres in cultivation; part creek bottom; good young orchard; seven-room house and good outbuildings; 60 yards of school and church; located on pike between Pine Bluff and Little Rock. For quick sale, \$1,400. E. C. Lewis, R. 1, Redfield, Ark.

40-ACRE FARM FOR SALE—In Newton county; two-room house, barn; good young orchard, strawberries and raspberries; close to school and one-half mile from highway. Price \$200. M. F. Hibbard, Fallsville, Ark.

120-ACRE MOUNTAIN FOR SALE—80 acres in cultivation, other in good timber; good house, barn and other outbuildings; plenty of wild fruit; good stock farm; near school, postoffice and church. Mail comes by door, on public highway. Mrs. C. E. Collar, R. F. D. 1, Fayetteville, Ark.

FOR SALE OR TRADE—Good farm and home in the Ozarks; well improved; priced right. L. W. Hawley, Saint Paul, Ark.

SEVEN-ROOM HOUSE, barn and chicken house; about one acre of garden; large yard; modern improvements. C. E. Collar, R. F. D. 1, Fayetteville, Ark.

40-ACRE POINTSETT COUNTY FARM—\$3,000; will sell or trade for stock farm in northwest Arkansas. F. W. Arwood, Tarrance, Cal.

BENTON COUNTY FRUIT FARM—For sale; 40 productive acres in orchard land; well cleared. Situated on road leading to state highway. Write C. A. Brickman, 1895 West 47th, Cleveland, Ohio.

200-ACRE FARM—100 acres good bottom land, 65 in high state of cultivation, remainder virgin timber; new five-room house; good outbuildings; good water; never failing spring flows through barn lot. Also good store with about 2,000 stock of merchandise. Ten miles from railroad. Price of farm, \$4,000; sell store and atock at cost; half cash, balance two years' time. J. E. Giles, Archey, Ark.

60-ACRE FARM FOR SALE—On range; well timbered. W. R. Nelson, Nelsonville, Ark.

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ARKANSAS FARM AND MARKETING BULLETIN

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LITTLE ROCK, ARKANSAS

MAY, 1926

THE FAULKNER COUNTY FARMER

By W. L. HALL.

(The following article recently was published in the Bulletin published by the Chamber of Commerce of Conway.)

A NEW day is dawning for Faulkner county farmers because they will no longer be classed as a strictly one-crop county, marketing only one crop in the fall of the year as they have been doing for many years. This year with the large acreage of radishes, cucumbers, cantaloupes and watermelons for early cash crops, and the many acres of sweet potatoes which will be planted for next winter sale, and the increasing tendency of the farmers of Faulkner county to produce more and more feed for not only their livestock, as is evidenced by the great interest which is being taken in Laredo soy beans, but the large number of home orchards which are being set out this spring give every indication that cotton will not be the only major crop of Faulkner county farmers this year. The poultry industry is increasing this year as never before in the county, and likewise the dairy industry of the county is rapidly approaching the point where it will be one of the large sources of income for Faulkner county farmers. Faulkner county can do well to follow and study the methods of some other Arkansas counties. Washington county for example, last year marketed seven cash crops. Washington county is prosperous not only because her farmers are large producers of apples, a crop which has made for the county a wide reputation, but on the other hand can readily be seen not less than seven such large money crops contributing to the income of the farmers, each of them about as important as the other but neither all important. The farmers of Washington county are not only great apple producers, but also great producers of strawberries, tomatoes, poultry, dairy, cattle, livestock and more recently grapes. Mr. Michelson of the Frisco railroad recently made public a report showing car lot shipments last year from Washington county: Apples, 880 cars worth \$379,000; 272 carloads of grapes, worth \$244,800; 237 carloads of strawberries, worth \$338,960; 540 carloads of canned goods, worth \$1,080,000; 84 carloads of eggs, worth \$252,000; 14 carloads live poultry, worth \$49,000; 33 carloads dressed poultry, worth \$165,000; dairy products, 12,213 cans cream, at \$10.50, worth \$125,360, and \$75,000 worth of creamery butter; 327 cars of livestock, worth \$327,000; 27 cars of peaches, worth \$20,250; 19 cars of sweet potatoes, worth \$14,250. What Washington county has done Faulkner county can do as well or better, as we have just as good soil and more of it, and just as intelligent farmers.

Raising Milk Goats In Arkansas

By W. F. REEVES.

I HAVE been raising milk goats at Marshall, Arkansas, for fourteen years and am one of the first to undertake the business in the state, which was undertaken as an experiment and I have found it to be the most profitable of any line of the livestock industry. In 1906 I purchased a tract of land to plant an apple orchard, the land being new, practically all kinds of brush and sprouts were growing on it profusely. I tried for two or three years to kill them out before I planted the orchard but it seemed that I was only making two blades of grass grow where only one had grown before, so I decided to buy a herd of common goats, mixed with Angora blood, and kill out the sprouts. I had a good fence around the 60 acres and this effort was rewarded in two years' time to such an extent that I felt fully satisfied with the experiment, but I had a large herd of more than eighty does on hand, which I kept without much attention, allowing them to run around the place as other live stock in a free range country.

In 1912 I was in a physician's office passing away the time and picked up a medical magazine and opened it at an article on Milk Goats, which was the first information I had ever had that there was such an animal in existence. I read it with interest and found that there was an organization known as the American Milk Goat Record Association and the article gave the name and address of the president and secretary. I took note of this and got in communication with them and purchased a purebred buck, and from that year until the present, I have used none
(Continued on Page Three.)

Cheap Slips Are Expensive Economy

By GEO. C. BECKER.

THERE is no practice of economy that can be more costly and the effects of which will be so permanent as the purchase of diseased potato plants. Few farmers are able to detect any trouble with even badly diseased slips at the time they are set out. Even a trained inspector may fail to find diseases such as stem rot and black rot which may be present to the extent that they will cause heavy losses. The only way to grow plants free of disease is to grow them from seed potatoes known to be free of disease and to bed these potatoes in such a manner that infection is impossible. Slips when grown in this manner cannot be produced cheaply.

If the grower, when he bought a bunch of diseased slips, would lose no more than that year's potato crop he would buy his lesson cheaply, but the worst feature in buying diseased plants is that they may introduce diseases which are not at first noticed and when the soil is permanently infected and ruined for the profitable growing of potatoes the farmer realizes that something is wrong. It is then too late to get rid of the disease by seed or soil treatment or by crop rotation.

The only way for a purchaser to feel reasonably safe of the plants he is buying is to purchase certified slips. There is a great difference in the slip certification service of the different Southern states. In some cases the system may be so lax that it is almost worthless. No state in the South maintains a more strict or dependable a slip certification service than Arkansas, and the Arkansas farmer will,
(Continued on Page Three.)

HOW YOUR SEED IS HANDLED

By JOHN E. CASEY.

ONE hundred and fifty million dollars is a big amount of money for American farmers to spend in one year for seed from which to grow the various farm crops in a single season. But that is only 40 per cent of the value of farm seed planted annually in the United States. This volume of seed comes to the farmer from wholesalers, jobbers and retailers known as the Seed Trade, and the manner of handling a product whose value runs into nine figures is a worth-while study for the thrifty Arkansas farmer.

How does the Seed Trade manipulate the movement of such a big seed business without incurring serious financial losses? The answer, largely, is given in two words, SAFE BUYING. A wholesaler who buys farm seed from the farmer buys subject to a germination test. If this test results in low germination the wholesaler does not buy and thus eliminates the cost of cleaning a lot of seed that is worthless for planting stock. If the seed germinates up to standard, the wholesaler figures the cost of cleaning up the seed and how much should be docked for dirt, weed seed and possible noxious weed seed in the lot. He determines all this by means of his own seed laboratory and trained seed analysts, biologists, etc., in his employ. He goes to considerable expense in the investment of buildings, equipment, and the employment of trained analysts, but he and the farmer who buys his seed are regarded in the quality of the product turned out. Thus it is that the Seed Trade handles this big volume of business in a safe, business-like way.

What per cent of our farmers buy their seed on a plan of this kind? A very small per cent, because the individual farmer cannot afford the expense of installing equipment for making analyses of farm seeds. However, the farmer who runs his farm on a business basis will either have inexpensive equipment for making germination tests or send samples of his seed to a laboratory for a reliable test. The "rag doll" is used by a good many farmers but the large per cent of the farming class, when buying seed, buy on the appearance of the seed. It is never safe to buy in this way, for unscrupulous seed merchants have a way of polishing up old, dead seed to make it appear like good seed. A large number of "bootleggers" of farm-crop seed make a living off of farmers who have not yet learned the value of seed testing, or of buying seed for planting subject to test and analysis.

The State Seed Laboratory located at Fayetteville, Arkansas, which is a part of
(Continued on Page Three.)

Predicts Cotton Yield Will Be Reduced

Present conditions indicate that the farmers of the state will this year make a great cut in our cotton production. This prediction is made as a result of a study of several elements governing both acreage and yield for the season. We find we are confronted with a very late spring and as a result we will have late planting with a weak market for cotton still in the hands of some farmers, and high price for feed supported by a state-wide movement advocating diversification.

The U. S. Department of Agriculture advised that the carry over of boll weevil by reason of a mild winter is very heavy.

These factors, combined with inferior seed of low germination, will in many cases result in poor stands and by reason of the late season replanting will be impractical coupled with a restricted credit to many farmers who suffered severe financial strains last season has caused the sales of fertilizer to shrink approximately 25 per cent from last year and forces this Department to the conclusion that we will this year have both a reduction in acreage and yield.

W. N. WILKES, Commissioner.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES
Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, all ads will be published in two consecutive issues without charge.

M. & N. A. AGRICULTURAL PROGRAM.

By W. L. Flanery.

Since the suspension of operation a few years ago, its rise to an important line of transportation has been almost like magic, not only has the entire road bed and equipment been reworked, but an Agricultural Department has been organized which has been a great help in building up the roads revenue.

It is estimated that 10 per cent of the increase in local tonnage has come from increased agricultural developments in the territory. The effort of the roads agricultural department has been along the line of fruit raising, livestock, dairying, poultry and the canning industry.

There has been planted in the territory 1,000 acres of grapes each year for the past two years, also large acreages of apples, peaches and strawberries. The tomato acreage was increased last year more than 50 per cent by the addition of 35 new canning factories, there being only 30 factories previous to this time. A large part of the M. & N. A. territory is especially adapted to tomatoes. This territory produces a tomato of superior color and quality and is in great demand by wholesale grocery houses all over the country. 290 cases of canned goods were moved in 1924 and in 1925 800 cases were produced.

Poultry and dairy products have had a healthy increase right along and the value of these products are running well into the millions. A regular program has been outlined for the development of these industries and schools for the instruction of the farmers are held in co-operation with the State Agricultural Extension Service, at different points along the line. We are frank to state that the results from these efforts have been very successful. The shipments of cream and poultry have been increasing from the very beginning and just recently a large creamery has been established at Harrison, Arkansas, which will very soon have an output of a carload of butter per week.

A force of three expert agriculturists are kept in the field most all the time preaching diversified agriculture. It is not the one crop, but the many crops to which the Ozark farmer owes his prosperity. The cow, the hen, fruit and truck seem to be the "big four" for this section of the Ozarks. It is a system that can not fail in a land suitable for all these things. Sweet potatoes is a good paying crop in this part of the Ozarks, the Railway Agricultural Department was not slow in showing the farmer where there was money in this crop for him. Expert marketing information is kept on file in the office of the Agricultural Department and we were able to market the potatoes grown in our territory at a good price for the farmer. This help in marketing will greatly increase the acreage next year, said Mr. Flanery, who is supervisor of this department. We can grow a potato of good quality here, and there is no reason we should not make it one of our staple crops for this section. We have good Irish potato soil, also, and 250 acres are being planted this year. These are already contracted for at digging time at a fancy price. We can grow most any crop that can be grown in a temperate zone, but it is our intention to adopt only a few for each section and make these the staple crops for that section, and then build up a marketing system that will insure a good living for the farmer who engages in the production of these crops.

Our program means a diversified system of staple crops with a live-at-home program.

COTTON ACREAGE IN 1926

By Charles S. Bouton.

We frequently are asked the question of whether the cotton acreage for the coming year will be as large as it was the past year. We can only answer that we do not know. In fact, no one knows. There are so many factors that enter into the equation.

Probably the largest controlling factor is the weather during and preceding planting time. The 1925 spring season was a remarkable one over most of the South in that there was less rain than usual, and this allowed for the preparation of a larger amount of land than for many years with the same amount of labor. Under the law of averages, we may hardly expect as favorable a season for the preparation and planting of land as we had in 1925, but it is possible. One other point here, in our drier sections of West Oklahoma and West Texas, spring rains will frequently add hundreds of thousands of acres to cotton plantings, especially if weather has been unfavorable elsewhere, and it looks as if cotton planting elsewhere has been somewhat curtailed. In other words, under favorable conditions, so called marginal lands, can come in very late in the season and increase the acreage much above earlier expectations. On the other hand, frosts following late plantings may reduce the earlier expectations by making it inexpedient to plant again, cotton that may not have a good chance to mature.

The next important factor, possibly as important as the weather, is the probable price or rather the general idea as to what the probable price may be. This general idea is largely controlled by the price that prevailed during the previous marketing season. We may nearly always expect that where people made money on the crop, there will be larger planting of that crop next year. The intention to plant any crop like cotton will also be governed by the trend, not merely the last price but the trend of prices. From these points of view, we may expect, with weather permitting, a tendency to increase in Virginia, because cotton brought there per acre about \$49 in comparison with \$43 the preceding year; in North Carolina, because cotton brought \$51 in comparison with \$46.50 the preceding year; in Florida, because there the cotton brought \$5 per acre more; certainly in Mississippi, which enjoyed a wonderful year, making \$51.06 per acre as against \$43.67 in 1924; and just as certainly in Louisiana, where the people received \$44 per acre in comparison with \$34 the preceding year. Now, in South Carolina, Georgia, Missouri, Tennessee, Texas, Oklahoma and Arkansas, the yield per acre value was less than in 1924, but this is not true over the whole of these states. Probably in certain areas in all of these states, growers made more than they made the preceding year. In the southern third of the state, our growers generally did much better than in 1924. The tendency then in that part of this state would be to at least put in as much cotton as in the preceding year. On the other hand, men who have lost for two years in succession will probably tend to grow less. Where they have only lost one year, there is often a reasonable explanation, such as an unusual season at picking time, and the "hope that springs eternal within the human breast" makes them feel that such a thing is not apt to occur the coming season, and they will try it again. There are also large areas especially in the plantation districts where the economic situation practically demands the planting of cotton in as great measure as possible. For instance, a large land holder's tenants are indebted to him through losses in the preceding growing season. Their only chance of paying, and the landlord's only chance of collecting from their respective points of view is to try it again, and try it as strongly as before.

The next large factor is probability of insect infestation, particularly boll weevil. Infestation has been light, the general tendency will be to continue plantings in as great measure as they have been accustomed to doing. Where boll weevil infestation is heavy, especially in the fall, and the outlook for heavy infestation is great, the following year the tendency will be to reduce. In this state, boll weevil infestation has not been pronounced for the past two years because the early invasion of the leaf caterpillar in 1923 and the long dry seasons in both 1924 and 1925 have worked against the propagation of the boll weevil. Nevertheless, the boll weevil is present in much of south and central Arkansas in sufficient numbers to do very great damage the coming year should weather conditions be favorable for its propagation. So fear of probable boll weevil damage or belief that the weevil will do little damage also determines by localities the extent in some measure of cotton planting in these localities.

The fourth factor is propaganda. What-

ever the price of cotton has tended downward, and there has been a large national crop, propaganda always ensues to reduce the cotton acreage. We often hear the objection made that those who wish to increase urge such propaganda in order to get others to decrease so that they may realize a better profit for themselves in a more restricted market. However, investigation shows that propaganda well carried out in nearly all cases has a measure of success, and this is doubtless true in propaganda for reduction of cotton acreage. At least in every year when there has been large acreage and heavy production it has lowered prices over much of the belt, and the next year has witnessed a reduction and part of this reduction can be very properly ascribed to propaganda. In other words, fear is a very deterring element, and enough people fear a probable low price so that they reduce their plantings.

Summing up then, it can be seen very readily that it is impossible to predict for either the United States, as a whole, or for the state as a whole, what the coming year will find. We can only state it in terms of probability looked at from these various angles given above.

THE GROWTH OF BOYS' AND GIRLS' 4-H CLUB WORK.

By W. J. Jernigan.

A few years ago, or about the time club work was well started in this state, I was asked by one of the leading educators of this state whether I thought club work for farm boys and girls would be a "permanent" movement. I replied that I believed it would, giving as my reason, the fact that it was founded upon principles that were fundamental to rural development. If the same question were asked me today by that person, or any other person, I think I should not undertake to answer it at all, but instead, would refer that person to the nearly one million boys and girls in the United States who are actively engaged in club work today and to the hundreds of thousands who have participated in the work the past ten or twelve years or, perhaps, it would be sufficient to refer that person to the nearly twenty thousand boys and girls who are engaged in club work in our own state at the present time.

Yes, 4-H Club work for the farm boys and girls of the nation is here to stay. It has become a well established part of our system of education and is made so through national and state legislation.

Since the question referred to above was asked, around two hundred thousand farm boys and girls in this state have been reached by this method of rural education. True, not all of them stuck to their jobs and hence derived a great deal of benefit from it, but not all boys and girls stay with their school, or anything else that is intended for their good—but the great majority have stayed with club work for one to eight years, or even more and hence have derived valuable information in how to do the things that farm life calls for.

Thousands of them have been inspired to go in search of more knowledge and hence completed courses in agricultural colleges and universities and are now holding responsible positions and living up to their old club motto, "To make the best better."

Referring again to the question of the permanency of club work, since that question was asked, the work has become not only nation-wide, but world-wide. Many of the European countries, England, Scotland, France, Italy, Spain and others have provided for the same kind of work for their rural children and they have learned it from Uncle Sam, the originator and founder of the work.

The question might be asked, why such a rapid and world-wide growth? The answer, I think, can be given in an explanation of what the work stands for and this explanation is found in the "National Emblem" of the work—"The Four Leaf Clover" with the letter "H" on each leaf.

The four "H's" represent the Head, Hands, Heart and Health, and, club work stands for the equal training of those four members in the body of every child. This then is an all round training and development of the child—The four "H's" then explains the terms of "4-H Club Work."

The meaning of 4-H club work and what it stands for may be put in another way which represents the work as a "ship builder" of which the first ship is "ownership." Ownership is really the corner stone upon which club work was founded. It is an inherent desire of every child to want to own something that they may, or can, call their very own and if they are given the right to exercise this privilege it always results in their putting forth an extra effort to care for that thing, whatever it may be, in a way that will bring about the best results.

The second ship that club work builds is "partnership." When children begin to grow crops or animals, dad and mother soon begin to figure in the deal. Club work believes that the proper relation between dad and son should be a partnership one and the same with mother and the daughter. A partnership relation of this kind will undoubtedly result in more boys and girls being better satisfied and better contented with farm life.

The third ship is "leadership" and is one of the greatest needed of all ships and club work affords the most splendid opportunity for developing this side of the boy and girl. The various kinds of contests that are featured each year in club work bring out invariably the characteristics of "leadership" in boys and girls. Club work not only brings out these tendencies or characteristics, but endeavors to encourage those that show such tendencies and helps them to develop further into leaders in their community.

The fourth ship is "citizenship"—and as the head is taught to think, plan and reason, the hand is to be used skillful and helpful, the heart to be sympathetic, kind and true, and the health to resist disease, enjoy life and be efficient in work, these are the things that make citizenship and these are the four things that 4-H club work stands for and the things that make the work so popular as to become a world-wide movement in less than twenty years.

W. J. JERNIGAN,
State Club Leader.

Negotiations are pending between a canning company and the people of Gravette, Benton county for the establishment of a cannery. If an agreement is reached a modern plant to cost approximately \$20,000 is to be built. The company when in operation, at Gravette is expected to handle 1,000 cars of products, consisting of 250 to 300 acres of tomatoes; 50 to 100 acres of beans, 200 acres or more of sweet potatoes, apples in large quantity, blackberries, cherries, etc. Tomatoes this year will be priced at \$12.00 per ton, beans \$50.00 per ton. The ruling price on blackberries has been \$2.00 to \$2.25 per crate. No price has been fixed for this season.

A new 305-day production record for Arkansas Jerseys of all ages has been established by Maidie's Dame Fussy, a mature cow in the herd of the Arkansas State Teachers' College, Conway, Arkansas. In 305 days this cow produced 451.55 pounds of butter-fat and 8,352 pounds of 5.41 per cent milk. She was with calf for 235 days of the test, qualifying for Class AAA as for the 305-day state championship for all ages.

Maidie's Dame Fussy thus supersedes the Jersey cow, Delora of the Elms, which held this state championship with her record of 443.68 pounds of butter-fat and 8,234 pounds of milk.

The new champion was tested once previously as a junior two-year-old. She is one of the twenty-one Register of Merit daughters of the sire, Le Gros, which is a son of the great Imported Oxford Majesty.

S. R. Smith, whose truck farm is near DeQueen, Ark., writes to the "DeQueen Bee" as follows:

Here is my profit from one half acre: One fourth acre was planted in radishes, from which I received \$55.60. Set tomatoes in April. Sold green-wrapped tomatoes to J. L. Cannon for \$183.96. Sold and shipped ripe tomatoes from same patch, \$59.66; in September sowed one-fourth acre in beans. Sold turnips to amount of \$53.25. Did not realize anything out of beans as frosts got them before they matured.

Total receipts from one half acre...\$352.47
Fertilizer, seeds, plants, canvas,

labor 50.50

Net profit\$301.97

I expect to put in four acres of tomatoes this year and use the same four acres for radishes, turnips and beans.

Mrs. G. T. Edwards of Baker, writes to the "DeQueen (Ark.) Bee" concerning the crop obtained from one acre of land, as follows: Four-fifths of this acre was set to tomatoes in the spring. Mr. Cannon paid us \$289.27 for green wrap tomatoes and we sold \$44.53 worth of ripe ones from the same patch, making a total of \$333. So far for the tomatoes. The other fifth of this acre was planted to sweet peppers from which we realized \$141.23.

On September 15th, we sowed one-third of this acre to spinach and two thirds to radishes. Worms ate the spinach; sold radishes to the amount of \$80.40, making the grand total for the acre \$555.42. All expenses, including the help hired and fertilizer, amounted to \$78 leaving a net profit of \$477.43. The only commercial fertilizer used was 500 pounds put under the tomatoes and peppers.

RAISING MILK GOATS IN ARKANSAS

(Continued from Page One.)

but purebred bucks in my herd. I learned from that article that the milk goat was the scarcest of all farm animals, and the first registered milk goat I purchased was numbered 948, however, there has been a considerable increase since that time, but today there are not one-tenth enough of such goats to supply the demand at reasonable prices.

I first bought a buck of the Saanen breed, then another of the same breed in 1914, changing to the Toggenburgs in 1916 and have kept close to that breed ever since. The Saanen's are an excellent breed, just as hardy and prolific as the Toggenburgs and as good milkers, but they have the disadvantage of being white in color and the highly bred animals do not show their breeding as well to my liking as the Toggenburgs, but my real reason for changing was the fact that there were so few Saanen's that I was unable to get a good buck of any age for less than \$100 to \$150, and then he would be related to the one that I had been using, while I could get the Toggenburgs at a more reasonable price and one not related whenever I wanted to make a change.

I started to shipping grade does about 1916 and since that time I have shipped out by express more than 500 animals, to more than three-fourths of the states in the Union, and to every large city in the Mississippi valley, always received from \$15 to \$75 each for grades, and I have sold purebreds for as much as \$150. I have never had enough to supply the demand. The demand is always more than the supply to he had for milking does. While my first demand came from old people of weak digestive organs, from those of tubercular troubles and for use to supply milk to sickly children, especially babies, in latter years I have found a big demand from patrons who want to establish a dairy near and in the big cities. I receive telegrams asking prices by wire and what I can furnish from many who are afflicted.

There is always a better demand than I can supply for purebred bucks and I have been able during the last few years to sell all my grade bucks at from three to ten weeks old to a hospital association where their glands are used in rejuvenation operations. I shipped to the president of this association 32 bucks and 16 young does at one time, which he took with him to China where he performed many operations.

My experience in the business has convinced me that the demand will not be supplied for several years to come, if ever, at reasonable and ordinary prices, compared with other stock. All one needs to carry on the business successfully is a good fence to keep them in when kids are young, good dry sleeping quarters, and hilly land for browse during the summer. They are as hardy and as prolific as the common Mexican hair goat. They will produce four to five times as much milk to their weight as any breed of cattle, on the average. They are the healthiest of any livestock and claimed to be immune from tuberculosis. No one will have more on hand than he can sell at a big profit for years to come and his sales will come without much expense in advertising.

CHEAP SLIPS ARE EXPENSIVE ECONOMY

(Continued from Page One.)

therefore, get the most protection if he will buy Arkansas certified slips.

Arkansas certified slips can be grown from Arkansas certified seed potatoes only. These seed potatoes are inspected in the field the season before in order to see that there is no stem rot in the strain. The potatoes which are dug from this approved acreage are then inspected a time or two during storage to see that there is no black rot present.

From such choice seed the slip certificate holder is required to grow his plants. The seed must be dipped in corrosive sublimate. The bedding site must be approved by the State Plant Board to be sure that there is no chance for infection. The bedding soil must also be approved.

Arkansas certified slips are in such demand that the purchaser cannot always take it for granted that the slips which he proposes to buy have been certified by the State Plant Board. Purchasers can get a list of all persons whose slips have been certified by writing to the State Plant Board at Little Rock. Every sale of certified slips must be registered with the State Plant Board and every person who buys 1,000 or more slips will

receive a card from the Board advising him of the registry of the sale. It is only by maintaining these strict regulations that Arkansas is able to maintain its strong certification service. The protection which the purchaser gets in his certified slips is worth many times the additional 50c or \$1.00 a thousand which these slips cost over the uncertified slips, as there are very few strains of potatoes in Arkansas which are not infected to some degree with either stem rot or black rot or both and stem rot is not likely to be detected until it has permanently infected and ruined the soil for potato growing.

HOW YOUR SEED IS HANDLED.

(Continued from Page One.)

The Bureau of Mines, Manufactures and Agriculture, has been established and is maintained for the benefit of Arkansas farmers. This was made possible by act of the legislature of 1921 and since 1924, when the first appropriation was available for seed testing, the State Seed Laboratory has been making purity analyses and germination tests free of charge to the farmers of Arkansas. The laboratory is doing for Arkansas farmers what the trained analysts are doing for the big seed houses over the country. There is really no reason now why every farmer in the state should not have his seed tested before he plants or before he buys seed that he knows nothing about.

If the Arkansas Pure Seed Law could be enforced rigidly, every sack or bag of seed, or other container of farm seed, would have an analysis tag attached showing the germination per cent, the purity per cent, the names of the noxious weed seed, where the seed was grown and the date of the germination test and the name and address of the seedsmen. But our law is new yet and all seed offered for sale is not so tagged. And when this is so, the farmer who must buy farm seed should buy like the wholesaler, subject to a germination test and a purity analysis by his State Seed Laboratory. If every farmer would do this, the seed merchants in self-defense would be forced to buy, in turn, from the jobber subject to analysis. It is just plain good business to buy farm seed this way.

What if the wholesaler of farm seeds were to buy his stocks as do many of our farmers? He would go broke by the end of a single season. What if our farmers all would buy like the wholesaler? They would have better stands and larger farm returns. It takes as much time and labor to cultivate a 75 per cent stand as it does a 98 or 100 per cent stand. Whether you buy your seed or plant seed of your own raising, it pays to have germination and purity tests made before planting. It takes a little time and trouble and should be done before the planting season is here. Have tests made early and buy only when you know that the seed has been proved of good quality. Representative samples should be sent to the State Seed Laboratory, Fayetteville, Arkansas. The service is free and may be had just for the asking.

SHEEP RAISING IN NORTH ARKANSAS

The following article by M. A. Alexander of the College of Agriculture recently appeared in the Arkansas Democrat.

The importance and profit of a flock of sheep on the average farm is too often disregarded and minimized by the negligence and lack of care on the part of the farmer. Too many farmers have an idea that a sheep is simply a sheep, and because he is a sheep he need no care and but little feed. When the results of such methods prove profitless these same men declare that sheep do not make money, and the thoughtless observers unacquainted with the facts and conditions are quick to proclaim sheep raising on the farm a failure.

The logical place for sheep in Arkansas is in the northern half of the state. Their place on the farm in that part of the state is of very little prominence at present. The reasons are principally failure on the part of those farmers who could raise sheep to realize there is money in large lamb production, failure to realize the value of good breeding and neglect in the care and feed of the flock.

The Ozarks of Arkansas furnish early spring pasture and afford ideal conditions in many places for early lamb production. By this is meant production that will compare with another neighbor state as Oklahoma or Kentucky. The sheep business in Kentucky is now worth six million dollars. Oklahoma has 83,000 sheep valued at \$600,000, while Arkansas with her 80,000 sheep can only value them at \$300,000. All this difference is due to breed-

ing and feeding. During the last two years the average value of a Kentucky sheep jumped from \$7 to 8.90; the average value of an Oklahoma sheep jumped from \$5.80 to 7.20, while the average value of an Arkansas sheep only changed from \$3.10 to 3.80. Arkansas farmers are capable of sending out first class lambs that will compete with other states because last year the Sheep Growers' Association of West Fork, Ark., shipped a carload of lambs to the St. Louis market and received top price for the month.

Arkansas has many of the necessary requirements for early lamb production. Two of the largest livestock markets in the United States are within a 36-hour shipping distance. The climate is such that lambs can be born in January and put on the early spring market in May, before the heavy shipments of spring lambs from the West flood the market. Grass comes earlier than in those states having a large number of sheep. There is plenty of shade during the summer for the flock ewes and plenty of grass and weeds going to waste on the rough hills that can be turned into wool.

It is estimated that within the next three or four years the sheep industry in Arkansas can be turned easily into a million dollar business based upon sound principles. To do this, those who should raise sheep must co-operate. Every sheep community should get together with their county agent and decide upon what

INQUIRIES

Mr. and Mrs. E. R. Slater, Martinsburg, Mo. Interested in Arkansas, would like to know what is raised and what occupation in or near Mena, Ark.

E. M. Deller, Milbank, S. D. Wishes to move to Arkansas, desires general information.

Edward Wallace, Route No. 10, Care C. R. Rodman, Buechel, Ky. Interested in the Ozarks. Want a small place to raise poultry and truck.

S. B. Henry, Belfry, Mont. Would like all information possible regarding Sevier county, wishes to know if white navy beans will grow there and if turkeys do well in that county.

S. O. Benson, General Delivery, Detroit, Minn. Party of several driving to Arkansas about 15th of May, desires general information regarding farm lands.

Roy H. Flynt, 335 Water St., Augusta, Me. Desires to purchase a farm. Seeking information.

Clara A. Lisetor-Lane, Socoveo, N. M. Interested in large tracts of timber.

H. A. Bullock, 1324 Benton, Kansas City, Mo. Especially interested in Baxter and Marion counties. Desires general information.

Ed J. Miller, Mappanee, Ind. Wants to buy a farm in Arkansas, is interested in rice farming.

Earl E. Welch, Stoncham, Colo. Wishes information about Arkansas as he wants to make it his future home.

A. J. Back, Chadron, Neb. Desires to buy Arkansas land as an investment.

F. E. Harrington, 2204 So. Clinton St.,

breed of the purebred mutton rams they want to use. The first year this will give the community a crop of very uniform lambs, which means a good selling products alone. The various owners should agree to breed their ewes to drop lambs a certain time, for example the month of January for Arkansas. The various owners should agree upon a standard way of feeding the lambs. They should insist that all grade male lambs be altered and by all means have all lambs docked, regardless of sex or breeding.

By careful selection and grading of the farm flock the average amount of wool produced per year by an Arkansas sheep can be increased a pound and a half. This increase in wool alone at last year prices for Arkansas wool would be 60 cents per sheep or \$48,000 for the state.

The spring lambs last year from West Fork, Ark., sold for \$15.75 a hundred pounds at an average weight of 80 pounds. This would be \$12.60 per lamb on the St. Louis market. The wool clip from an Arkansas ewe last year was about \$2. The lamb and wool made a gross return of \$14.60 per ewe for the west Fork sheepmen. Quoting some of the owners it must be said "the cost of keeping the ewe was nothing because she ate weeds and waste grass and nothing was ever purchased for her. The lambs cost me about a half bushel of corn apiece, maybe some of them a little more."

Sioux City, Ia. Would like general information regarding Faulkner, Cleburne and Boone counties.

James W. Kensett, 905 Missouri St., Lawrence, Kan. Interested in purchasing stock and grain farm in healthy locality of Arkansas. Seeking general information.

H. Crutcher, Eagle Lake, Tex. Wants to buy a farm in Arkansas. Would like to move to Arkansas about the first of the year.

Joe A. Beck, Route No. 1, Box 15, Schulenburg, Tex. Several families interested in the Ozark section. Specialize in fruit and dairying.

Tom Cook, 1301 Avenue North, Galveston, Tex. Wishes to move to Arkansas, seeking general information immediately.

J. Alex Roling, Luverne, Minn. Interested in Benton, Carroll, Boone, Marion and Baxter as future home.

Wesley Robinson, Toronto, O. Wishes to purchase land for apple orchards. Seeking information regarding climate.

E. L. Bundy, Englewood, Colo. Wants to locate in Washington county. Or would consider land in northwest Arkansas.

S. A. Maples, Maxwell, Tenn. Several parties contemplating moving to Arkansas. Interested in stock and grain farming.

C. D. Farrington, Bloomfield, Ia. Interested in Arkansas as future home. Desires general information.

Jay C. Harvey, Camden, N. Y. Wants to move to the Ozarks.

FARMERS EXCHANGE

RAT KILLER FOR SURE—Not a poison, stops digestion sure death. \$1.00 per package prepaid. Geo. H. Place, Box 245, Mt. Home, Ark.

WANTED—Patent rights of good selling small articles that can be manufactured at home. T. F. Johnson, Brewer, Ark.

FOR SALE—Dress frame, full length, price \$5.00 prepaid. Mrs. G. P. Edison, Springdale, Ark.

BAKERY WANTED IN GLENWOOD—Good mill town of 1,200. Equipment can be purchased at a bargain. Good patronage for a bakery that can put out good bread, cake and pastry. Editor, Herald, Glenwood, Ark.

LISTEN LANDLORDS—Father and two sons want to make three, five or ten-year contract to farm 60 to 120 acres on halves, beginning 1927. Want brood mares, plenty good tools, brood sows and milk cows. Will grow berries, grapes, fruit, melons, potatoes, corn, cotton, good and feed crops. Fall breaking. For further information write H. Jackson, R. 2, Box 98, Fort Smith, Ark.

PATENT FLY TRAP—Window, seven door screen for sale or trade. Will trade territory rights for real estate, or can use a good late model radio set. T. F. Johnson, Brewer, Ark.

LOOK—HELP—SERVICE—RESULTS—If you want to either buy or sell a

home, any kind, in any county, I'm glad to help you. Write me now. W. L. Psalmonds, Cotton Plant, Ark.

FOR SALE—1,300,000 feet oak and gum timber for sale, five miles railroad. Good truck road to timber. Thirty-five miles of Little Rock, Ark. J. M. Ratcliff, Beebe, Ark.

WANTS PARTY to buy half interest in patent for a practical device to be attached to a train which will put the air breaks on the entire train the instant a wheel runs off track. Only cost will be to buy title to manufacture and install. If interested write. J. B. Hollingsworth, Oden, Ark.

FOR SALE OR TRADE—No. 5 Underwood typewriter good as new, a bargain for cash. Will exchange for a good phonograph or anything that I can use; also a 230 egg size incubator and two 230 chick size brooders at a bargain for cash or trade. Hugh A. Miracle, Clarks-ville, Ark.

TOBACCO—Dust, three cents per pound, tobacco stems, in bales of 100 lbs. \$1.50 per bale. N. Elson & Co., New Orleans, La.

FOR SALE—Madonna lily, blackberry, and single Tiger lily, three for 50c. Three iris, purple, cream and brown and yellow mixed, for 25c. 12 perennials for \$1.00 postpaid. Mrs. Cecil Ritchey, Conter Point, Ark.

FARMERS EXCHANGE

FIELD SEED.

FOR SALE—Sweet potato plants. Hundreds of bushels of Porto Rico and Nancy Halls bedded. Plants ready April 15th. Free from disease and black rot. 1,000 prepaid \$3.00; 5,000 prepaid, \$13.75; 10,000 prepaid, \$25.00. Safe delivery guaranteed. Milligan Bros., Tuckerman, Ark., Box 395.

COTTON SEED—For sale, picked before the rains in September. First year 40 ton. \$1.50 per bu. Also good Mebane picked in September, \$1.25 per bu.; cash with order. Paul Stormont, Route 2, Box 44, London, Ark.

COTTON PLANTING SEED—Delfos 6102 and Cleveland Wannamaker, pure, highly bred. Picked before rains, high germination. Put in new bags weighing 100 pounds for shipment. Earl Kilpatrick, Seed Breeder, Marianna, Ark.

SEED CORN—Neals Paymaster, Cocke's Prolific and Reid's Yellow dent, pure, well bred, carefully selected, nubbled shelled and graded. Earl Kilpatrick, Marianna, Ark.

FOR SALE—Choice guaranteed new crop pan caught lespedeza seed, free of obnoxious seeds, \$2.50 per bu. of 52 lbs. f. o. b. shipping point, plant to May 15th. Lespedeza Seed Growers' Association, Inc., Calhoun City, Miss.

FOR SALE—Bermuda grass roots, \$3.00 per 100 lbs., f. o. b. Beebe, Ark. J. M. Ratliff, Beebe, Ark.

FOR SALE—Five bushel of cow peas, 6c per lb. or \$3.50 per bu., f. o. b. Gillham, J. F. Curry, Gillham, Ark.

COTTON SEED—For sale, picked before the rains. Mebane germination 91 to 94 per cent. Price per bushel, \$1.25. F. P. Owens, Bingen, Ark.

POTATO PLANTS—Porto Rico and Nancy Hall; ready to ship. 1,000 delivered, \$2.50; 5,000, \$11.00; 10,000, \$20.00. E. W. Brown, McCaskill, Ark.

FOR SALE—Hampshire hogs, boars and pigs, pigs two months old, full blood, \$7.50 to \$10.00 each. F. P. Owens, Bingen, Ark.

POTATO PLANTS—Porto Rico and Nancy Hall; disease free. Chemically treated; safe delivery guaranteed. Large orders my specialty. Write for price. Lee Cazort, Lamar, Ark.

FOR SALE—Nancy Hall and Porto Rico potato plants. Can fill large orders. \$2.00 per thousand postpaid. Any size order. P. R. Lowry, Pyatt, Ark.

SWEET POTATO PLANTS—We now have ready for shipment the best potato plants grown. Nancy Hall, Porto Rican; 100, 75c; 300, \$1.25; 500, \$1.75; 1,000, \$3.00; 5,000, \$14.50; 10,000, \$28.00. Two new kinds the best grown Bunch Porto Rican and Big Stem Jersey; 100, \$1.35; 300, \$2.00; 500, \$2.50; 1,000, \$4.50; 5,000, \$20.00. All postpaid. Price list tells the whole story. Plants ready now up to July 1st. J. A. Bauer, Lock Box 38, Judsonia, Ark.

DOGS.

\$10.00 REWARD—For 2 lost hounds; strayed February 1, 1925; black and tan with white spot on his breast and white tip on end of tail if not been trimmed. The other is 18 months old, white with one black spot on his side, and one on his hip; one red ear, the other ear is white and red mottled. Both dogs are medium size. Last heard of them was in Scott county. Address all communications, Max Cleveland, Sugar Grove, Ark.

FOR SALE OR EXCHANGE—English setter, black and white, hunted one season. Not gun or man shy. Make offer in cash or trade. N. L. Cook, Box 171, Waldron, Ark.

FOR TRADE—One collie spayed bitch heeler; one and one-half years old; trained. Trade for sheep or anything I can use. E. E. Guthrie, Jesup, Ark.

FOR SALE OR TRADE—Two-year-old fox terrier male with pedigree papers. \$15 or will trade for incubator and brooder; must be in good order; 150-egg capacity. E. B. Tonderegger, R. 2, Box 2, Scranton, Ark.

FOR SALE—One trained fox walker hound; five years old; price \$15, or will trade for anything of equal value. Elmer Fritts, R. 1, Bald Knob, Ark.

POLICE PUPS—For sale; registration guaranteed. For prices write, F. J. S. Miely, Gentry, Ark.

WANTED TO BUY.

WANTS TO BUY—Black peas with white eyes. R. C. Conaster, Ozark, Ark.

WANT—Lookout Mountain seed potatoes; also have a Western roofer or rock plow No. 530 almost good as new. Wish to sell or trade for something I can use. Don't need the plow. Wm. Lowrey, Box 36, Wickes, Ark.

ONE-HORSE COTTON PLANTER—Wanted, with fertilizer attachment. Prefer Rock Island, Deere Moline or Southern make. B. A. Crane, Springdale, Ark.

LIVE STOCK FOR SALE.

FOR SALE—One Holstein bull calf, ready for service. W. W. Stewart, R. 4, Booneville, Ark.

FOR SALE OR EXCHANGE—Two registered jacks and a percheron horse. Will trade for good car and the difference. Also want to buy pea seed and sudon grass seed and about two gallons of silver drip molasses. C. H. Newkirk, Corning, Ark.

FOR SALE—One gilt, weighs about 250 to 300 pounds; will farrow May 1; best Poland China 1-16 Berkshire. Price if taken at once, \$50. W. S. Riter, R. 1, Sulphur Springs, Ark.

FOR SALE OR EXCHANGE—For sheep, 22 angora goats. Clarence W. Bruce, Jesup, Ark.

P. I. C. PIGS—Full blood; for sale or trade for spotted Poland China pigs or sheep. Price \$8 each or two for \$15; eight weeks old. One sow, one and a half years old, \$25. M. M. McCall, Bradford, Ark.

ANGORA GOATS—Good grade, \$2.50 each; good common goats, \$2 each, or would trade for sheep or anything of same value. M. M. McCall, Bradford, Ark.

POULTRY AND EGGS.

S. C. D. BROWN LEGHORN—Hatching eggs, matched to fine cockerels of Thormohlen's laying and blue ribbon strain. Setting of 15 prepaid, \$1. F. J. Rudesill, Bradford, Ark.

WHITE LEGHORNS—Eggs, \$5 per 100; hens, \$1 each; prize winners at the county fair. A. A. Braecheer & Son, Smithville, Ark.

BROWN LEGHORNS—Single combs, setting eggs; bred to lay strain; \$1 per setting, postpaid. N. L. Cook, Box 171, Waldron, Ark.

S. C. ANCONA CHICKS—Twelve and a half cents; eggs, five cents, prepaid. White Wyandotte chicks and eggs same price. White guinea eggs, 20 for \$1.20, prepaid. Mrs. Avery Allen, Macon, Mo.

MAMMOTH WHITE—Pekin duck eggs, 13 for \$2.75. Wilton Milner, R. 1, Box 52, Blevins, Ark.

MAMMOTH BUFF ORPINGTONS—S. C. standard bred. Cocks sired by prize winners at larger shows; heavy winter layers; infertile eggs replaced once free. After May 1, eggs 30 for \$1.75 by insured mail prepaid. Mrs. F. T. Edison, Foreman, Ark.

WANTED—One or two settings each of Black Minorca and White Orpington eggs in exchange for B. P. Rock or White Leghorn eggs. M. M. McCall, Bradford, Ark.

TOWN PROPERTY FOR SALE.

SHOE AND HARNESS—Repair outfit; will sell cheap, for cash. One sewing Champion shoe patcher, one stitching horse, one stall and lasts, saddler's knife, collar awe, other minor articles; total cost to me about \$132.50, will take \$65. Used three months. J. D. Taylor, Parma, Ark.

FOR SALE—In town of Wiville, Ark., one six-room dwelling house, all modern conveniences; one store house; good stock of general merchandise and fixtures which will invoice \$1,800; one blacksmith tools and material, one gasoline engine, grist mill and lot of belts, shafting and pulleys. Seven lots, two garages, outbuildings and under fence; one Delco light plant; all located in block of depot. For further information, write to L. B. Parnell, Wiville, Ark.

FOR SALE—Six-room house with store connection, on 50x180 foot lot, in business section on crossing of Missouri Pacific and Rock Island railroads. Town has a wholesale grocery, five retail stores, garage, barber shop and stove mill. This place is fenced, with improvements. Mrs. N. J. Bass, Patterson (Jelks), Ark.

FARMS FOR SALE AND EXCHANGE.

STONE COUNTY FARM—65 acres, good stock and poultry farm; house and outbuildings. Will sell or trade for good truck or car; Dodge preferred. Write, J. C. Avey, New Nata, Ark.

WANTED—Partner to take interest in stock; either man or woman; prefer young married man. Would sell farm cheap, 133 acres, 50 in cultivation. For further information, write Isaac C. Read, Brewer, Ark.

222-ACRE CLARK COUNTY FARM—80 acres in cultivation, 30 in pasture; plenty of timber; all smooth land; plenty of free range. This place is a fine fruit or

truck farm. Jeff Noton, R. 1, Arkadelphia, Ark.

70-ACRE FARM—30 acres in cultivation; 100 peach trees, 250 will bear this year; 100 apple trees, three acres of strawberries, some grapes; 40 acres in pasture; one-half mile from school and church; good three-room house, sweet potato house and barn; daily mail and telephone service; six miles of Booneville, Ark. Price \$1,800; terms at 6 per cent. James P. Jones, R. 2, Booneville, Ark.

79 ACRES, NICELY IMPROVED—Almost level; 60 acres in cultivation; 20 in fine timber; just four miles to West Plains, Mo., three-fourths miles from state highway and railroad. Will exchange for country store with some land or a good farm in Washington or Benton county. Plenty fruit and water. As high as possible on account of health. M. R. Powell, West Plains, Mo.

LAWRENCE COUNTY FARM—For sale; 437 acres, 50 acres good bottom land; 150 acres in cultivation; good grade hill land, grow anything; fine orchard; three sets of houses and outbuildings. On state highway, good schools and churches. On account of health will sell cheap. J. M. Park, R. F. D. 1, Imboden, Ark.

30-ACRE FARM FOR SALE—House, barn, two good springs; 25 acres under fence; also good mill house; 20-inch Burr's water power. Price \$800. I. J. Tomerlin, Sedalia, Ark.

FOR SALE—80-acre farm; six houses near Van Buren; 20 acres in bermuda pasture; water year round; one-fourth mile car line connects Van Buren and Fort Smith. Sell small tracts or all. Mrs. J. R. Bell, Van Buren, Ark.

WESTERN ARKANSAS—Fruit and truck farm; near railroad and highway; plenty of fruit; seven-room house, barn, chicken house. Hogs, cows and tools go with place. If interested, write for price, terms. A. Talley, Hatton, Ark.

62½-ACRE FARM—For sale; all in cultivation; will grow anything; five-room house, new barn, poultry house, etc.; plenty fruit for family use; one-fourth mile to fine new school and church on Jefferson highway. W. T. Miller, Box 17, Winthrop, Ark.

90-ACRE FARM—For sale; 25 acres good timber, rest bottom and hill land; all fenced; good buildings; located fourth mile from railroad town, with good schools and churches. G. Fiedler, Lefe, Ark.

60-ACRE FARM—Adjoining the corporate limits of Ward, Ark., in the famous strawberry district on main line of Missouri Pacific railroad; on a good hard surface road; good seven-room house, good barn, poultry house. Will sell at a bargain. J. F. H. Powell, Box 94, Ward, Ark.

72-ACRE RANDOLPH COUNTY FARM—Farm for sale; 40 acres fenced; 30 acres in cultivation; 15 acres could be cultivated; good sandy loam with clay foundation; level, with very few rocks. Three-room boxed house, new; small barn, new; hen house; on public road close to schools and church. Terms; price \$1,200. James J. Smith, R. 2, Ravenden, Ark.

A REAL BARGAIN—In Washington county; 120 acres rich creek bottom land; 40 acres in cultivation; house, barn and outbuildings; \$250 down and \$150 for ten years without any interest. M. M. Doss, Sunset, Ark.

FOR SALE—40 acres unimproved land. Price \$400. W. E. Byrd, R. 1, Judsonia, Ark.

50 ACRES—All in cultivation; located on state highway; good house and barn; level and no rocks; located northwest Benton county. Price \$4,000; crop included if taken soon. Seven miles north Siloam Springs. Melvin Harrington, Gentry, Ark.

45 ACRES—All under plow except the park and fish pond; one mile Doddridge, on highway; six-room house, modern; fish pond, park, three wells; 22 springs keeps the fish pond in 10 feet of water; buildings are insured for \$4,000. Will take \$4,000 for place; am going west. Reference, Bradstreet or Doddridge State Bank, Dr. Alfred Kellett, Doddridge, Ark.

80-ACRE FULTON COUNTY FARM—For sale or trade; between Salem and Mammoth Spring; good schools; healthy location. For sale or will trade for wood-working machinery or good late model car. A. F. Oliver, Summit, Ark.

9½ ACRES FOR SALE—Adjoining town of Blevins, in the heart of the truck growing belt. Write for complete description. P. H. Stephens, Blevins, Ark.

FARMS FOR SALE—At reasonable prices. Cash or terms. L. M. Davis, Pangburn, Ark.

200-ACRE FARM—80 acres in cultivation, balance in good timber; all under fence; three good pastures; plenty fruit for family use; six-room house, one store house, one mill house, garage, barn and other buildings; on public road, close to school and church. Price \$4,000; one-half down, balance to suit. I also have 120-acre farm, two sets of improvements, 15 acres in cultivation, free range, close to school, good orchards. Price \$600; clear title. Also have a sawmill; will take \$800. Alich B. Carder, Elizabeth, Ark.

WANTED TO BUY—Small tract of land with improvements sufficient for comfortable camping during the heated weather, with a strong flowing spring,

some accessible place in the Ozarks with some fruit. Must be cheap and title clear. J. W. Searan, Box 277, Stuttgart, Ark.

80-ACRE FARM—Well located, sandy loam; three acres in fruit; one acre blackberries; five acres timber; five acres pasture, balance in cultivation; four miles Arkadelphia, best school town in state. W. F. Harvey, R. 2, Arkadelphia, Ark.

160-ACRE STONE COUNTY FARM—50 acres in cultivation, balance timber; spring water; fencing mostly wire; plenty fine fruit; free range; fine hunting and fishing. House and barn; six miles Sylamore; two mails daily. John A. Sweat, Sylamore, Ark.

80 ACRES A BARGAIN—35 acres fenced, 28 acres in cultivation, 50 acres creek land, will grow anything; four-room bungalow, barns and other outbuildings; improvements worth price I ask. Only \$1,000; half cash, balance on terms to suit. J. W. Shaver, Ben, Ark.

STONE COUNTY FARM—65 acres; 35 acres in cultivation, balance in fine timber; near good school and church; plenty water and free range. Will trade for good stock of merchandise; stock must invoice near \$2,000. A good buy. Jno. C. Avey, New Nata, Ark.

20-ACRE FARM FOR SALE—Five miles from Imboden, good house, store building, with some merchandise, garage, outbuildings, cistern and other improvements; school one-half mile; thickly settled. Can give possession in 30 days. E. L. Coker, R. 1, Imboden, Ark.

FOR SALE—Three tracts of hardwood timber; one in Louisiana, two in Arkansas; will cut from 3,000 to 5,000 feet per acre; \$6 to \$10 per acre. Geo. N. Reanley, Box 174, Dumas, Ark.

BENTON COUNTY FARM—28 acres; 15 acres in good state of cultivation, balance in timber; ideal strawberry and grape land; five acres in apples and cherries, and two acres in blackberries, all set this spring; four-room house, barn, etc.; four miles from Decatur and three-fourths mile from school. Price \$2,000; good terms. B. A. Crane, Springdale, Ark.

FOR SALE OR TRADE—120 acres in northeast corner of Sharp county, ideal for stock and poultry farm. Will trade for good car and good cow. For further information, write J. F. Brandon, Ravenden Springs, Ark.

120 ACRES FOR SALE—In Benton county; 70 acres in cultivation, balance in timber and pasture; plenty of fruit of all kinds; 16 head cattle; three mules; silo and cutter; all farm tools; 12 stands bees; two sets of improvements; close to good graded school; two miles to shipping point. H. S. Thomas, Garfield, Ark.

ONE-QUARTER SECTION—In Fulton county, lying in a square; 100 apple trees; 200 peach trees and 100 plum trees, all bearing; never dry cistern; 100 acres in cultivation, balance good oak timber; cotton, corn, oats, hay, fruit principal crops; fine hunting; big barn; four-room house and other outbuildings. Joe Dodd, Viola, Ark.

20 ACRES GOOD APPLE ORCHARD—Good condition; \$3,000; 40 acres good timber land, \$600; 70 acres good stock, grain and fruit farm, three-room house, good barn, outbuildings, good water cistern and ponds. Fine location, telephone and mail route. Complete, \$5,000. C. R. Broadhurst, Pea Ridge, Ark.

13 ACRES—Berry and truck land; seven acres in cultivation; fenced; two-room house; near school and church, on good road. Price \$450; terms. Also 78 acres, 65 in cultivation and fenced; two acres orchard; good well and garden; improvements need repairing; five miles from town on good road. Price \$1,540; terms. Mrs. L. B. Miller, Box 72, Beebe, Ark.

70 ACRES FOR SALE—40 acres in cultivation, 100 apple trees, 20 fine peach trees, seven-room house; well located to school and church, on mail route and county road. Price \$2,100. For further particulars, J. A. Dilbeck, R. 1, O'Neal, Ark.

105 ACRES—Improved Arkansas county farm; rich, alluvial silt; well drained valley land, could be no richer; near school and good town on main line of railroad. Price \$3,000; only \$300 cash, balance very small payments each year at 6 per cent. James Miles, Lock Box 651, Stuttgart, Ark.

POULTRY FARM FOR SALE—20 acres, located one-half mile from good railroad town; fine schools, churches and a college; close to Caddo river, fine mountain stream. Six-room house, outbuildings, arranged for poultry raising, brooder houses, etc.; everlasting spring. Selling on account of old age. Price \$750. Editor Glenwood Herald, Glenwood, Ark.

30 ACRES CREAP—Wonderful location for poultry and fruit raising; close to good schools; one-half mile from town; 40 miles from Hot Springs, close to the largest peach orchard in the world. Get a cheap home in the garden spot of the Arkansas highlands. Price \$350. Editor Glenwood Herald, Glenwood, Ark.

88 ACRES FOR SALE—40 acres in cultivation, balance in good timber, house, barn. Price \$1,500, half down, balance on terms. Amos Moody, Iuka, Ark.

80 ACRES IN IZARD COUNTY—Two miles from town, 30 acres bottom land, balance timber; house. Amos Moody, Iuka, Ark.

40 ACRES—Five miles railroad; 30 acres in cultivation; good orchard; five head cattle; one mare; one three-year-old mule, wagon, farming tools. Write for price. Amos Moody, Iuka, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

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LITTLE ROCK, ARKANSAS

JUNE, 1926

PICKING AND PACKING CANTALOUPE

By C. WOOLSEY.

PROPER picking is one of the most important operations in producing and marketing high quality cantaloupes. Good judgment must be exercised in selecting melons in order to market them in good condition. Distance to market, the variety grown and weather conditions will influence the picking time. Melons of the "Netted Gem" or "Green Meats" strains should be completely netted before picking. When the shipping distance is short the melons may be left on the vine until the green skin shows a tinge of yellow. Do not cut the cantaloupes from the vine nor pick them when so green that a part of the vine breaks off with the melon. Pick over the field every day to prevent melons becoming over-ripe. Some growers go over the vines twice each day when the weather is hot. In southeast Arkansas picking is done twice each day after the first one-third of the season. Where the shipping distance is not great it is usually customary to pick the melons on "full slip," which may be described as a time when the stem will part from the melon cleanly under slight pressure of the thumb and forefinger, leaving a small cup-like hole. "Full slip" melons may be shipped farther at the beginning of the season than later. When the season is advanced it is sometimes advisable to pick somewhat less mature. Some growers pick on a half slip when shipping long distances. In this case, only a part of the stem pulls away from the melon.

It is somewhat difficult to determine when a "pink meat" cantaloupe has reached the proper state of maturity for picking. Much dependence is placed on the shade of the green rind, which shows through the netting. Pickers should cut a few melons now and then to ascertain the proper stage for picking. By testing the flesh for sweetness, and firmness, one can soon determine the proper state. Growers should also send several crates of melons to market which have been picked at different stages of ripeness to ascertain their condition on arrival. The information thus received will be of material assistance in later shipments.

Many systems are in use in packing the cantaloupe. In a very few cases the packing is done in the field, but this is not recommended. Generally shed packing is done. The crop is packed in some cases by private buyers and in others by co-operative methods. In all cases the growers are endeavoring to secure the best packers available in order to put up a quality pack. Orange and grapefruit packers are used quite extensively, especially in the larger packing sheds to supervise the packing.

Several kinds of wood are used in making crates but white pine is preferred.

(Continued on Page Three.)

Radish Growing on Buffalo Island

By C. C. WATSON.

BUFFALO Island, that great sandy loam section around Monette, Lake City, Black Oak, Leachville and Manila, in northeast Arkansas, goes into its fourth year of trucking crops with unusually bright outlook this spring and is now marketing the largest radish crop it has yet produced.

Shipments of radishes are made daily now at Monette, Lake City and Lunsford, in car lots and at the other points in small express shipments.

When Buffalo Island farmers adopted the live at home policy in 1922 they seem to have made a pledge and they are living up to it remarkably well. Tom Lane, of Jonesboro, who owns a large farm on Buffalo Island, introduced the radish as a commercial crop, and it has grown from a forty-acre field that year to something near 400 acres in 1926. The variety is the round red radish and under the label, "Buffalo Island Radishes," the market has absorbed them splendidly in all the North and East.

The stand this year is better than usual, meaning a high yield per acre, and Mr. Lane reports the quality as fine as he has ever seen. The crop from this section owes much to the method of packing, no doubt, for nothing but the cleanest hampers, all labeled with lithographed labels, are used, and iced perfectly, so when they reach the market, whether St. Louis, Chicago or New York, they are in perfect condition.

As no cultivation is necessary, the farmers like the crop. The ground is well prepared and sown. Then there's nothing to do until the harvest, which comes and goes before time to plant any other crop. This same land is usually planted in cantaloupes and that crop followed by hay for early fall cutting, making three crops from the same land.

Farmers Fail to Vaccinate Against Anthrax

By GUS M. OETTM.

A VIGOROUS campaign of presentation by motion picture of the sanitary measures that must be closely followed to reduce the chances of anthrax occurring in the infected districts this season is being launched by Dr. P. A. Johnson, Assistant State Veterinarian, in Arkansas county.

At least one meeting will be arranged in each township. Emphasis is placed on the necessity and proper methods of immediate destruction by burning of all dead animals, method of fly prevention, isolation and quarantine of infected and exposed animals, and recommendations for prevention of access to infected feed and water as far as is practical during the season and absolutely withholding during actual outbreaks of anthrax.

Consideration of adoption of the measures just recommended is deemed especially important since the number of animals that have been vaccinated against anthrax this spring will be very small as compared with last year. Many animals in the infected districts will be without a particle of immunity against anthrax derived from vaccination. Should anthrax appear in an infected district, the losses will be greater therefore, according to Joe H. Bux, State Veterinarian, College of Agriculture, University of Arkansas.

The preliminary estimate by the Kansas City Southern railroad of fruits and vegetables to be shipped over their line in the western part of the State from points in Arkansas this year are as follows: Strawberries, 195 cars; cucumbers and other vegetables, 250 cars; cantaloupes, 370 cars; tomatoes, 255 cars; beans, 17 cars; peaches, 170 cars; onions, 5 cars; grapes, 2 cars, or a total of 1,265 cars.

STRAWBERRY QUARANTINE RUMOR FALSE

By GEO. C. BECKER.

THERE is no foundation to rumors which have been disseminated by some parties to the effect that a Federal embargo has been placed on Arkansas strawberries. Inquiries have been received by the State Plant Board from brokers in St. Louis asking about the quarantine. One person stated that she had been informed by a party in Louisiana that such an embargo had been placed.

There is no state or federal quarantine against either Arkansas or any other state in the Union because of the strawberry weevil. This insect occurs in isolated localities in various parts of the United States, and is a native of this country. It probably lives on wild strawberries and dewberries. The insect causes damage by cutting the stems of the flower buds before they open, causing the buds to drop off. Its greatest damage is, therefore, noticed in the loss of blooms rather than in damage to berries. It has never been known to attack and injure berries, and hence could hardly be disseminated by means of shipments of berries. Moreover, since it is native to a large part of the United States, there would be no reason to attempt to prevent its spread even if it could be spread in this way. The strawberry weevil is very closely related to the cotton boll weevil.

Another weevil-like insect known as the strawberry crown borer may be spread in shipments of plants, and some states, therefore, require inspection of strawberry plants as a condition of their entry. This insect is also native to the United States. Like the strawberry weevil it does not feed on the fruit, and could not be spread by means of shipments of berries.

The farmers at Siloam Springs will have a large strawberry, grape and apple crop this year and decided recently to go in also for a crop of table tomatoes to be picked when pink in color and to be shipped in car loads. By agreement they are to grow 216 acres to this crop. Mr. I. N. Broadfield has contracted to grow the plants, "Stokes Bonnie Best" variety, and have them ready in time for planting. It is expected that the crop will be ready for the market by the last of June.

Negotiations are pending at DeQueen for the installation of a pickle plant and cannery. If an agreement is reached a factory costing \$75,000.00 is expected to be built.

Faulkner county farmers shipped their last car of sweet potatoes of the 1925 crop the same week they shipped their first car of 1926 radishes. This county is rapidly forging to the front in diversified farming.

Commissioner Wilkes Announces Two New Publications

This Department has the promise of the printers for an early delivery of two very attractive and useful publications which upon arrival will be ready for distribution.

One of these, "The Seventh Annual Report of Arkansas Crops," was edited by our Bureau of Crop Estimates, co-operating with the U. S. Agriculture Department, and is a complete survey of 1925 agricultural and horticultural production for this State.

The other publication will be known as "Arkansas' Summer and Winter Health and Pleasure Resorts." This is a very attractive publication in colors, edited by our Bureau of Immigration, as a Tourist and Homeseekers' guide.

Upon request these publications will be mailed upon their arrival from the printer.

Very truly yours,

WM. N. WILKES, Commissioner.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES

Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, ads will be published in one issue without charge.

NEW ERA FOR SOUTHERN ARKANSAS.

By Arthur W. Large.
(Rock Island Lines.)

The successful establishment of the Garland County Canning Factory marks the beginning of a new era of progress, development and prosperity for Southern Arkansas. Fruit, truck, vegetables and with these inevitably go canning which has become one of the nation's greatest industries.

In 1924 the railroads of the United States handled 163,082 full carloads of canned goods alone. This does not take into consideration vast amount shipped by less than carload freight, express and the amount handled by trucks, boats and home canners. It took more than one-half as many cars to handle the canned goods as it did to handle the entire cotton crop. This should give us confidence in the future of this great industry.

All branches of the canning industry are growing at a remarkable rate. We also find that the canning of vegetables is growing at a much more rapid rate than fruits. We also find that all branches of the canning industry are growing more rapidly in the South than in any other section of the country. From 1921 to 1923, the volume of vegetables canned increased ninety-eight per cent (98), and the volume of fruits canned increased forty-seven per cent (47). During the same period the value of vegetables canned increased seventy-nine per cent (79), and the value of fruits canned increased forty-two (42) per cent.

The figures covering the canning industry are of great importance in the way of showing the vastness of this new industry and also what the market demands. The figures are for the year 1923, and the value is the value at the canning industry.

Peas	\$39,767,830
Tomatoes	39,677,383
Beans Baked	25,265,479
Beans, String	14,372,579
Corn	30,832,664
Asparagus	10,955,246
Kraut	5,145,955
Spinach	4,978,423
Beets	1,763,054
Miscellaneous	
Vegetables	14,821,352

Total

These statistics conclusively prove the influence that the recommendations of physicians, agricultural college workers, and dietitians have had upon the food consumption of the nation. The figures show an immense increase in the consumption of these vegetables and means better health for all of our people.

The canning of fruits also increased rapidly, but naturally not as rapidly as the vegetables as it takes longer to produce fruit. The principal fruits and their values in 1923 were:

Peaches	\$26,262,022
Cherries	10,667,595
Berries	10,389,574
Pears	9,389,978
Apples	6,539,951
Apricots	5,463,502
Olives	4,311,037
Fruit Salad	3,018,256
Plums	954,815
Prunes	697,034
Miscellaneous fruits..	2,529,746

Total

The shipment of fresh fruits and vegetables has reached enormous proportions. With the perfection of the railroad refrigerator car and the extremely rapid move-

There has developed of late a greater interest in the growing of capons for the market than ever known before in the United States. The causes of this may be clearly seen, namely: The lack of a satisfactory market for farm grown, late broilers and friers; the lack of a sufficient surrounding to enable profitable growing of turkeys without imposition on neighbors; the demand for large delicate roasts during late winter, when the turkeys are off the market. When asked why the state of Missouri did not grow as many turkeys as it once did, Prof. H. L. Kimpster, of the College of Agriculture, said: "Farmers have more respect for their neighbors than they once did." However true or untrue this statement is, it is a fact that as our country becomes more thickly settled the turkey will have less territory over which to rove in the satisfaction of his natural instinct, which will tend to reduce his tribe, and create a demand heretofore unknown for capons.

Kingston, Arkansas has been known for the last five years for the number of capons a few local farmers could grow, and especially for the prices which have been obtained through co-operation, that has been promoted by the local teacher of Vocational Agriculture. As it has been my privilege to hold this position for a couple of years, I have gained some experiences which are worthy of passing on, because the capon industry will no doubt continue to grow from year to year.

Every person who has had anything to do with co-operative buying and selling knows something of the dissatisfaction which always makes itself known. On the other hand there ought to be a way to reduce this to the minimum. The many problems like securing bids, insuring delivery on a set date, notifying successful bidders, and owners of capons of prices and particulars, are soon solved. The question of grading, however, has given us not a little of trouble, and for this reason we have made an effort to find a reason for the varia-

CAPONS OR SLIPS—AND WHY

H. L. Smith, Kingston, Arkansas.

tion in slips, from that of an almost clean capon to the rooster himself. It is very difficult at times for expert graders to distinguish between decided slips and roosters, and this particular point has caused more dissatisfaction than any other problem. The fact that a few times actual roosters have been sold as slips because the buyer was honest and tried to live up to his contract, and possibly some slips have been culled out as roosters. The latter is where our trouble begins, because the grader cannot be certain, and the farmer declares that that bird is a slip, and hence demands slip prices, or possibly quits the co-operation, regardless of the fact that he might be mistaken. I have always upheld the strict classification and grading, not that I thought the farmer was in error, but that the few slips so culled will not be enough to counteract the advanced price received by the association for any one farmer, to say nothing of the group. Besides, it will have a tendency to reduce the number of slips in the future by persuading the operator to do a thorough job.

Some claims made by growers that led to this investigation are: That many slips do not develop combs and wattles until put on the fattening ration; that the quality of meat in the slip is as good as that of the capon; that the larger the chicken at the time of caponization the

more apt he is to be a slip; that the best hands at caponizing will show some slips; one man even states that he has killed slips which were free of testicles.

Findings: In the accompanying photograph, Figure 1, it will be seen that one capon and two slips were selected. Number 1, a decided slip that looked very much like a rooster; Number 2, a decided slip, but yet, showing capon characters very much; Number 3, a clean capon. These birds were selected from different flocks on the days of marketing, Wednesday, Friday, inclusive, and photographs made on Friday, one week later. It was observed that number 2 showed a slight comb and wattle development during the week of good feed. Which might indicate that all slips might develop large combs and wattles when put on fattening rations.

The photographs, Figures 2 and 3, also reveal that the slips show an excellent quality of meat—however, the size has no influence on the meat in these birds, as the capon was normally small. Observation and tabulation of weights show that slips get as large on an average, and produce gains that compare favorably with clean capons.

We know that the size of the cockerel when caponized has much to do with the thoroughness of the job. This is conceded by all growers.

We are inclined to doubt that the best hands at caponizing will show slips, as we have one grower who has not had a slip.

The statement that clean slips have been killed is evidently false, as all of our experience shows some part—though not all—of the testicles present.

It is desired that no person take these findings as authentic, for they are short-time investigations, and are in no wise complete. We plan to make experimental tests this year as to age, thoroughness of job, breeding qualities and outside characters. We should like also, for some of our Arkansas stations to do some work along this line. The capon industry has become a permanent money crop. Let's keep it going!



Figure 1.



Figure 2.



Figure 3.

ment of freight by the railroads of the country, the markets of the whole nation are open to the growers and the amount of lost and damaged shipments are showing a steady and constant decrease. In short, if the growers will deliver these fruits and vegetables to the railroads in good condition, we can practically guarantee to deliver them in good shape to the consignee at the other end. In 1924 there were 56,412 cars of fruits and vegetables. This does not include the less than carload shipments, the express shipments, the boat shipments and the immense amount of these products grown locally and brought in by truck as it should be understood that we have in the vicinity of Chicago one of the greatest truck districts in the world. The various varieties of fruits and vegetables received in carload lots were:

Variety of Fruit or Produce	Number of Carloads
Potatoes	15,664
Grapes	7,200
Apples	6,605
Oranges	4,135
Lettuce	3,321
Cantaloupes	2,558
Tomatoes	2,508
Strawberries	1,993
Onions	1,955
Watermelons	1,921
Cabbage	1,877
Peaches	1,845

Celery	1,764
Grapefruit	1,594
Sweet Potatoes	1,096
Lemons	886

Total

It will thus be seen that there is a rapidly growing market for your fruit, vegetables and truck with this one important qualification that you must produce and market quality products.

There are a number of absolute essentials in making a success of a large fruit, truck and vegetable district and they may be briefly enumerated as:

1. All planting the same variety.
2. All planting at the same time.
3. Planting in sufficient quantities to ship in carload lots.
4. All harvesting at the same time.
5. Rigid and uniform grading.
6. Marketing only quality products.
7. Co-operation.

Co-operation among the growers is an absolute essential to success in developing a great fruit, truck and vegetable district. I have had the privilege of examining a number of the finest fruit and truck districts in the United States all the way from Minnesota to the famous Gulf coast country of Southern Texas and the one indispensable feature in each was community co-operation.

It is with genuine pleasure, satisfaction and pride that I have been privileged to

participate in this historical event, marking as it does the beginning of a new era of progress, prosperity and development for Southern Arkansas.

Canning offers wonderful opportunities to Arkansas and Arkansas offers wonderful opportunities to the canning industry. The home canner always comes first, followed by the larger or semi-commercial type and then comes the real commercial canning industry and this cycle is being carried out in many Arkansas communities. The Welch Grape Juice Company have constructed one of the finest plants in the Southwest at Springdale, Arkansas. This plant was originally constructed for manufacturing grape juice, but has never been used for that purpose but has been in constant use for the manufacture of the highest grade and quality preserves and canning products.

The Welch Grape Juice plant at Springdale, and the Garland County Canning Factory at Hot Springs are the pioneers in the great canning industry of Arkansas that in a very few years will represent an investment of millions of dollars with a canning output valued at tens of millions of dollars.

O. W. Thompson of Reydel, Jefferson county, sold 12,000 pounds of honey last year at an average price of 25 cents a pound or approximately \$3,000 worth. He had a ready market for his honey and raised an excellent cotton and alfalfa crop.

PICKING AND PACKING CANTALOUPE.

(Continued from Page One.)

The past few years a high grade of clear yellow pine is gaining in favor and many cantaloupes will be packed in crates of this material. Clear white gum is good, but must be thoroughly dry or the crate will warp.

In the Arkansas cantaloupe belt only two sizes of containers are used, namely the "standard" and the flat or standard flat. Up to date the melons grown here have been running large and the "standard 45" has been hard to pack out. The grower usually packs 46-36 and 27 melons in the standard crate and 9-12 and 15 in the flats. Some growers are wrapping the melons in attractive paper, but experiments indicate that molds and rot troubles are worse with wrapped melons than with those without.

The melons should be placed in the crate according to size and be made tight to prevent jostling about in shipping. It is the height of folly to place a small cantaloupe or a large one in the crate to make the pack tight. This lowers the quality of the pack. It is far better to go over the pack again and even up the size of the melons so that they will come out right. The pack may be changed from a 27 to a 36 or reverse, if necessary, to get a tight pack or uniform melons. A little practice will suffice for the packer to rapidly choose the right size melon for a certain pack. When the pack is completed there should be a slight bulge at the top and sides to help hold the melons in place when the lid is nailed on. As soon as convenient the packed melons should be placed in iced cars.

CONWAY DAIRY IS GROWING STEADILY.

The following article was clipped from a recent issue of Conway News.

"When a few years ago through the efforts of Phil. F. Cleaver, then president of the Chamber of Commerce, a dairy depot was developed for the dairy enterprise encouraged by R. L. Folts for the Faulkner County Dairymen's Co-Operative Association, the most sanguine supporters of this institution did not foresee its wonderful possibilities.

"Now there are twenty-five hundred pounds of the finest butter manufactured in the Conway dairy, each week throughout the year, and the product is sold before it is ready for delivery.

"The present daily receipts of sweet milk amounts to eight thousand pounds, as against some few pounds when the dairy was opened for business.

"The association has now about 130 farmers members, and the membership increases steadily. The farmers recognize the dairy enterprise as one of their best interests as a ready-money producer twice each month throughout the year, and now more than a hundred more farmers are arranging to buy Jersey cows and share in this farmer-enriching establishment.

"Milk is being received from Hazen, DeVall's Bluff, Atkins, and other distant points, while in Faulkner county milk is shipped in from Holland, Naylor, Mt. Vernon, Damascus, Enola, Vilonia, Sallito, Mayflower, and other points, and in addition a large number of individual farmers bring their milk to the dairy depot.

"As the number of purebred cows increase in Faulkner county, so will the dairy enterprise grow, and in a few years Conway will be making and shipping 10,000 or more pounds of choice butter each week.

"The dairy interest is certainly the most progressive in Conway, and its possibilities are such as to in time make it possible to add other milk products that will largely increase its importance until it becomes of state-wide magnitude.

"Dairy farming as a diversification means a pay-day once or twice a month instead of only one pay-day a year under cotton farming with its usual chattel mortgage attachment. Dairy farming, too, involves plenty of hard work as does cotton growing, but it insures quicker and more regular cash returns."

Recently seven cases of eggs were shipped from Conway by the Faulkner County Association, its initial shipment. The price to the farmers was four cents higher than the market figure. It is planned to make extensive shipments from this point.

In the Ozark district 1,531 cars of fruit and vegetables were handled which sold for \$2,221,267. Strawberries were the banner crop, 995 cars at \$1,878,205.16; grapes, 325 cars, \$247,295.73; Irish potatoes, 42 cars, \$16,042.84; cantaloupes, eight cars, \$1,238.96; watermelons, 2 cars, \$297.04; apples, 158 cars, \$78,187.70.

HOW TO MAKE POISON THAT WILL KILL TREES.

By request Commissioner Wilkes gives below the formula for making a poison that will kill timber.

Take one pound of powdered white arsenic, two pounds salsoda, two gallons water. Heat water to boiling point and add salsoda, which will readily dissolve in boiling water, after which add arsenic slowly and stir while water continues to boil for 10 minutes, or until arsenic is thoroughly dissolved, which completes the mixture ready for use. Do not inhale the vapor from the boiling solution, as it is poison. When this preparation is cool it may be kept in jugs or tight lid buckets indefinitely for future use. The mixture is a deadly poison.

Application is made by girdling the tree by chopping it well through the bark and immediately pouring the poison solution into the gash. Use an oil can or some spouted vessel for convenience and avoid waste of solution. Enough solution to fill the ax gash or to thoroughly saturate the entire girdle is sufficient to kill the tree within a few days or as soon as the sap has time to flow from the point of application to foliage of tree. Use in spring or early summer.

This method of deadening timber may be used to kill trees at small cost on newly cleared lands, creek banks or other useless growth that shades and damages crops on the farms. The poisoned timber decays more rapidly than when deadened by use of ax only, and as the girdle is not "blocked" or cut heart deep the trees stand until decayed, which materially reduces the number of fallen trees on growing crops the first year.

Arsenic is a deadly poison to man or beast, as well as to plants, and must be handled with the greatest of care. Do not use the arsenic solution on trees in pastures or allow cattle and other live stock to eat leaves from poisoned trees.

CANTALOUPE PROSPECTS ON BUFFALO ISLAND.

By C. C. Watson.

Contracts have been signed in the Monette territory for practically 1,000 acres of cantaloupes, so the famous brand, "Buffalo Island Brand Cantaloupes" will be on the great hotel menus in Chicago, Washington and New York again this year.

The acreage increase this year is accounted for in the enthusiasm of the growers and not by pressure from the shipper, Mr. Tom Lane, of Jonesboro. Mr. Lane did not expect an increase in acreage this year but he will have several hundred acres more than usual. In fact he has had to fight the farmers to keep the acreage down, which he wants to do until the famous Arkansas product is better known on the markets.

Four years ago Mr. Lane started this industry by planting 40 acres on his own farm near Monette. It has grown now until it is the second money crop in the Buffalo Island country. All the difficulties arising from mixed seed, had fertilizers, poorly selected ground, etc., have been outlived, and the crop now is one of the surest and easiest to handle in this section.

Much of the cantaloupe crop is being cleared of radishes, and in many instances this land has already paid the farmer from \$75 to \$100 per acre and planting time for cotton is not yet here. Cantaloupes, when the price is good, bring a similar return, and then a crop of hay worth nearly as much is cut from the same ground.

The cantaloupe crop this year will be shipped principally from Monette, Black Oak, Lake City and Lunsford, although Bay and Leachville will make small shipments. Both Leachville and Manila offered a large acreage, but the buyers thought best to limit the acreage this year. The growers have their ground ready to plant, but they will not put out the seed until early in May when practically the entire acreage will be planted within a week.

Buffalo Island may be truly termed a trucking country from this on, for this is the fourth year the farmers have succeeded with the several ventures, which includes radishes, cantaloupes, tomatoes for canning, and sweet potatoes. Many smaller crops, such as cucumbers, Irish potatoes, watermelons and spinach, are also being developed with considerable success. The movement here will probably be 100 cars of radishes, 500 cars of cantaloupes, 20 cars of spinach and enough tomatoes to give the six factories a very good run.

These crops are just extras, for Buffalo Island's business is raising cotton and corn and "living at home."

W. T. Lane, Jr., of Monette, marketed 40 acres of spinach during May.

STRAWBERRY PRODUCTION AND PRICES GOOD.

In response to an inquiry from this department addressed to Hon. J. A. Baner, Strawberry Specialist of Judsonia, relative to the berry crop in that section we received the following telegram under date of May 15th.

"To date we have shipped one hundred and thirty cars of berries, which have sold for cash on the track for \$5.50 to \$7.00 per 24 quart crate."

All conditions indicate a million and half dollar crop for this district probably more if the market remains firm. Shipping will continue throughout the month. The berries are well colored and of the very best quality and in fine condition for shipping long distances. We are having good production and market."

NEWS ITEMS

Johnson county farmers are pledged to grow 500 acres of cantaloupes this season.

Crawford county farmers shipped several cars of spinach to market this season.

Farmers in the vicinity of Conway have received 61,200 grape cuttings since January 1.

Crawford county farmers have shipped several cars of spinach to market this season.

The years truck production in Miller county promises to surpass all previous records.

Cold weather early in April resulted in great damage to the peach crop in the north half of the state.

Buffalo Island in eastern Craighead county marketed between 50 and 60 carloads of radishes this season.

Green county farmer's marketed approximately \$40,000.00 worth of poultry during the first quarter of this year.

Horatio, Sevier county marketed their first crate of 1926 strawberries on April 9th. They were the Klondyke variety.

Severe hail storm near Bald Knob, White county, May 11, is estimated to have damaged the strawberry crop 40 per cent.

Fertilizer shipments until May 1, this year within the state amount to 96,000 tons as against 120,000 tons for the same period last year.

It is claimed that Johnson county fruit growers set out 150,000 peach trees this spring. The crop for last year brought approximately \$500,000.

The Ozark Fruit Growers' Association of Rogers, acting as a marketing associating, handled \$2,583,204.00 worth of fruit and truck last year.

All cotton producing counties in the state raised more cotton during 1925 than for the year of 1924, with the exception of Cleburne and Lawrence.

It is claimed that Johnson county fruit growers set out 150,000 peach trees this spring. The crop for last year brought approximately \$500,000.00.

Pike county orchardists are of the opinion that the cold weather cut peach production some, but that by reason of better quality the loss will be equalized.

In view of her great acreage in strawberries, Crawford county will on May 12 celebrate their first festival at Van Buren. This will be maintained as an annual event and conducted along similar lines to the Apple Blossom Festival of northwest Arkansas. Great interest is being manifested and we predict it will be a great occasion.

The preliminary estimate by the Kan-vegetables to be shipped over their line as City Southern Railroad of fruits and in the western part of the state from points in Arkansas this year are as follows. Strawberries, 195 cars, cucumber and other vegetables 250 cars, cantaloupes 370 cars, tomatoes 255 cars, beans 17 cars, peaches 170 cars, onions 5 cars, grapes 2 cars or a total of 1,265 cars.

The farmers at Siloam Springs will have a large strawberry, grape and apple crop this year decided February 10th, to

go in also for a crop of table tomatoes to be picked when pink in color and to be shipped in carloads. By agreement they are to grow 216 acres to this crop. Mr. I. N. Bradfield has contracted to grow the plants, "Stokes Bonnie Best" variety and have them ready in time for planting. It is expected that the crop will be ready for the market by the last of June.

Fertilizer shipments for the first quarter of last year in this state were 80,081 tons. For the same period this season 63,365 tons or a loss of 16,716 tons over last year.

Faulkner county farmers shipped their last car of sweet potatoes of the 1925 crop the same week they shipped their first car of 1926 radishes. This county is rapidly forging to the front in diversified farming.

Taylor Bros. of Lunsford, Craighead county, plowed under their early radish fields and replanted, and are now marketing their second crop. They also have 100 acres in tomatoes and 170 acres in cabbage.

On the 15th of last month the Ozark Apple Growers celebrated their third annual blossom festival at Rogers under the most favorable weather conditions in their history and with a record breaking crowd from several states.

The Gentry Fruit Growers' Association recently decided to grow 50 carloads of sweet potatoes this year and also to erect a curing plant. They expect to market between 300 and 400 cars of strawberries, tomatoes, sweet potatoes and fruit.

O. W. Thompson of Reydel, Jefferson county, sold 12,000 pounds of honey last year at an average price of 25 cents a pound or approximately \$3,000 worth. He had a ready market for his honey and raised an excellent cotton and alfalfa crop.

April 3rd, seven cases of eggs were shipped from Conway by the Faulkner County Association, its initial shipment. The price paid to the farmers was four cents higher than the market figure. It is planned to make extensive shipments from this point.

In the Ozark district 1,531 cars of fruit and vegetables were handled which sold for \$2,221,267. Strawberries were the banner crop, 995 cars at \$1,878,205.16; grapes, 325 cars, \$247,295.73; Irish potatoes, 42 cars, \$16,042.84; cantaloupes, eight cars, \$1,238.96; watermelons, three cars, \$297.04; apples, 158 cars, \$78,187.70.

The Rev. I. C. Jenkins of Van Buren county, last year planted 53 rows of cotton across a square plot on his farm which netted him \$10 worth of lint cotton. He also planted 11 rows of sweet potatoes across the same plot of land which besides furnishing enough potatoes for home use netted him \$45.

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In view of her great acreage in strawberries, Crawford county on May 12, celebrate their first festival at Van Buren. This will be maintained as an annual event and conducted along similar lines to the Apple Blossom Festival of northwest Arkansas. Great interest was manifested and as a result it was a great occasion.

INQUIRIES

W. P. Tubbs, Americus, Kansas. Interested in the Ozarks. Wants to buy small farm with improvements.

A. C. Acker, Slidell, Texas. Desires to locate in Arkansas. Seeking general information.

J. C. Sellers, Box 72, South Mansfield, La. Interested in buying a farm in Arkansas.

Frank L. Cary, Boulder Junction, Wis. Seeking general information about Arkansas; wishes to make it his future home.

G. W. Wileox, Rapelje, Montana. Leaving Montana soon for Arkansas. Desires general information.

E. H. Calder, Route 2, Coward, Ark. Interested in moving to Arkansas. Desires general information.

W. F. Rispler, 6513 Wirt St., Omaha, Nebraska. Desires to locate in Arkansas about the first of the year and wishes general information about Arkansas and prices of land.

FARMERS EXCHANGE

MISCELLANEOUS.

TATTED—Yokes and camisoles made to order and tatted lace by the yard. Mrs. B. E. Kingen, St. Francis, Ark.

PATENT FLY TRAP—For window and door screen, for sale or trade; a money-maker for a hustler. Will trade territory rights for real estate. Can use a good, late model radio set. Will trade real estate for patent rights or patent rights for real estate. T. F. Johnson, Brewer, Ark.

FOR SALE—One new International Webster dictionary, 2700 pages, printed on superior India paper, buckram binding, and is brand new, never been used. The latest edition. These books sell for \$22.50. Will take \$15 for this one. O. D. Riley, Lepanto, Ark.

FOR EXCHANGE—One New Ozarka Junior four-tube dry cell radio receiving set. Will trade for good Toggenburg milk goat, or something of equal value. Obert Billingsley, Violet Hill, Ark.

FOR EXCHANGE—Radio round incubator; 200-egg capacity, for 20 pullets, 3-4 to one pound each, of any breed. S. E. Martin, Franklin, Ark.

FOR SALE—Three-inch centrifugal pump, never been used; 5-8 inch steel wire cable, 165 feet long; 40 feet galvanized piping; hoisting jack with 16-inch drum; also blocks and tackle. Priced cheap. J. R. Doughty, Self, Ark.

TOWN PROPERTY FOR SALE.

FOR SALE—One and half acre good land in the village of Rhea; fenced and cross fenced with new chicken and hog wire; good orchard; four blocks to church and school; five-room cottage; good water; smokehouse with storm cellar beneath; good chicken house. Grist mill goes with place. Nellie and Jack Willis, Rhea, Ark.

FOR SALE—Blacksmith shop; lot 25x140 full; set of wood work and blacksmith tools; in a thriving town on the K. C. S. railroad. Reason for selling, old age. Price \$700. Wm. Lowery, Wickes, Ark.

LIVE STOCK FOR SALE OR EXCHANGE.

FOR SALE—Extra fine large Poland China gilt, will make a champion; five months old, weighs near 150 lbs., 26 1-2 in. high; would weigh more if fat. Price \$75. W. E. Frazier, Success, Ark.

ANGORA GOATS—\$2.50 each; common goats, \$2; would trade for sheep, pigs or anything of value. M. M. McCall, Bradford, Ark.

O. I. C. PIGS—Full blood, for sale or trade for spotted Poland China pigs, sheep or anything of equal value. Price each, \$8, or two for \$15. One sow, one and half years old, \$25. M. M. McCall, Bradford, Ark.

WANTED—One male kid pure milk goat strain. Give best price and description in first letter. M. M. McCall, Bradford, Ark.

DOGS.

WANTS TO BUY—Setter bird pups, black and white or solid red; female only; must be priced right. Jno. Brewster, R. 1, Box 96, Rison, Ark.

WANTS TO TRADE—Walker hound bitch for trio of lamb hounds, 15 months old. I. P. Ruetherford, Auvergne, Ark.

FOR SALE—One pair two-year-old fox hounds; Walker and English cross. Price \$50 if taken at once, or \$35 for one. I. Martin, Franklin, Ark.

FOR SALE—Two 10-month-old hound pups at a bargain, \$25. J. R. Doughty, Self, Ark.

NURSERY STOCK AND PLANTS FOR SALE.

POTATO PLANTS—Porto Rica potato plants, ready to ship, 1,000 delivered, \$2.50; 5,000 del., \$11; 10,000 del., \$21. From selected seed, treated to prevent rot. J. C. Craig, Stephens, Ark.

LIVINGSTON GLOBE TOMATO PLANTS—Open field grown, \$1.50 per thousand. Oscar McCristion, Prairie Grove, Ark.

FIELD SEED.

FOR SALE—50 bushels of Whippoorwill cowpeas, \$3.50 per bu., f. o. b. Gentry, Ark. The J. R. Bever Co., Gentry, Ark.

MEBANE COTTON SEED—For sale, grown by Mebane Seed Agency of Lockhart, Tex. Germination guaranteed. Price, per bu., \$2.50. Thomas J. Marler, R. 2, Dardanelle, Ark.

POULTRY AND EGGS FOR SALE.

GOLDEN BUFF MINORCA—Cockerels, eight to ten weeks old; finest of breeding. Price \$1.50 to \$2 each. Anna B. Fyffe, Hill Top Route, Hanison, Ark.

WANTS TO BUY—One or two settings of Black Minorca and White Orpington eggs in exchange for B. P. Rock or White Leghorn eggs. M. M. McCall, Bradford, Ark.

BROWN LEGHORN—Eggs; guaranteed; can ship a case per week. Also white eggs, guaranteed, one case per week. Mrs. R. P. Powell, Wiseman, Ark.

LIGHT BRAHMAS—Eggs from selected winter layers, range flock, \$1.75 for 15; \$8 per hundred; \$15 for 200, postpaid. Lona Crouch, Hazen, Ark.

FOR SALE—Extra Plymouth Rock red Cornaux pigeons, mated pairs, \$2.50 a pair, and month-old squabs, \$1.25 pair. Will deliver any time and in any quantities. J. P. Almand, 324 West 14th St., Little Rock, Ark.

BARRED ROCKS—Pure bred from prize winning stock. Bred to lay and for weight. 75 cents for 15. Mrs. N. B. Faulkner, Cherry Valley, Ark.

WHITE WYANDOTTES—Winners at egg-laying contests and poultry shows, baby chick for May and June delivery, \$15 per 100 or \$8 for 50. Write for illustrated mating and price list. Cassady & McInturff, Nashville, Ark.

S. C. DARK BROWN LEGHORNS—Cockerels, Russell strain, February and March hatch. \$1 each, f. o. b. Six one-year-old cockerels, \$1.50 each. Mrs. Alf Fuller, Waldron, Ark.

WANTED—Muscovy duck eggs, white or colored, in exchange for light Brahma eggs. Lona Crouch, Hazen, Ark.

WANTED—To exchange Brown or White Leghorn cockerels, 12 weeks old, for Black Minorca cockerels. M. M. McCall, Bradford, Ark.

WANTED TO BUY.

WANTED—Fresh milk goat, Saanen or Toggenburg, that will give three quarts per day, if priced right. C. F. Hicks, R. 1, Box 34, Beebe, Ark.

WANT TO BUY—Cow peas for planting, up to 50 bushels. Quote price. J. S. Offenhauser, Texarkana, Ark.

WANT TO BUY—Sweet potato plants, by thousands. Bruce Crammer, Chillicothe, Missouri.

WANTED TO BUY—A high breed ram. W. J. Martin, R. 1, Box 115, New Edinburgh, Ark.

FARMS FOR SALE AND EXCHANGE.

40-ACRE FARM FOR SALE—30 acres in cultivation; good improvements; five head cattle; one mare; one three-year-old mule; wagon and farming tools go with place. Also good orchard. Amos Moody, Jarka, Ark.

70-ACRE FARM FOR SALE—3 3-4 miles from railroad, three-fourths mile from school and postoffice. Orchard, springs, house, barn and outbuildings. Price \$10 per acre. For full description, write J. A. Mead, Advance, Ark.

88-ACRE FARM—40 acres in cultivation; 20 planted in crops; two-room house. Price \$1,500; half down, balance on terms. Amos Moody, Jarka, Ark.

276 ACRES—Part creek bottom; free stock range, house, barn, spring; three miles to railroad; one-fourth mile to school and postoffice. For description and price, write Joe Perry, Advance, Ark.

20-ACRE FRUIT AND BERRY FARM—18 acres in cultivation, one acre in timber; new four-room bungalow, good barn and outbuildings; chicken lot and hog pasture; 400 Elberta peach trees, 120 apple trees, one and half acres in strawberries, half acre of blackberries. Located within three miles of two railroads, near two highways. Ideal home with good improvements. Price \$1,800. Part cash, balance easy terms. C. L. Steinseik, R. 5, Alma, Ark.

20 ACRES GOOD LAND—7 acres in cultivation, mostly wire fencing. Four-room dwelling, good barn, store building, postoffice fixtures and small stock of groceries; three-fourths mile to school and church. A real bargain. H. B. Hays, Jumbo, Ark.

80 ACRES MINING LAND—Good zinc ore on each forty; large spring on land affording an excellent mill site; five miles from railroad. Priced reasonable. A. J. Mead, Advance, Ark.

124 ACRES—For sale; 50 acres in cultivation, 30 acres in pasture, balance in

timber. Good six-room house, new barn, good outbuildings. Will sell at a bargain. E. M. Marlow, Relfs Bluff, Ark.

FOR SALE—160 acres fine timber land. Timber will pay for land. L. Tollett, Nashville, Ark.

100-ACRE STONE COUNTY FARM—Farm, 15 acres in cultivation, 100 suitable to farm; 50 acres fenced, 5 acres young orchard, berries and grapes. Free range, good springs. Three-room house, good outbuildings. Healthy location. Plenty oak and hickory timber. Would sell or trade. Wm. McKinzie, R. 1, Lydalisk, Ark.

CLEBURNE COUNTY FARM—160 acres, 35 acres in cultivation and pasture, 120 tillable, some good timber; crop started; four-room house, good barn, fine orchard. Two miles railroad and Little Red river. Cheap at \$1,600; small payment down, balance easy terms. Immediate possession if desired. G. B. Sandage, Higden, Ark.

FOR SALE—79 acres of valley land, four miles north of Hot Springs; 20 acres owned by William Wilson and 59 acres owned by Lum McGill. Fine for apples, cherries and grapes. One acre Hubbard grapes, good apple orchard. Price \$3,500, includes farming tools and everything. Both selling on account of old age. William Wilson and Lum McGill, Lock Box 642, Hot Springs, Ark.

80-ACRE OZARK FARM—Ideal for fruit and poultry. 50 acres in cultivation; all under fence; new improvements; located near church, school and town; on improved road. Mail and phone service. A real bargain at \$1,250; would take Ford truck in trade. See before you buy. Noah A. Battles, Battles, Ark.

651 ACRES—325 in high state of cultivation, 15 acres virgin timber, balance cut over, good water; gravel road two sides of place; mail delivered, telephone. Two miles to Tyronza; one and one-half miles to high school; school bus to door. Best of land, no drainage tax. Houses full of colored labor; crop planted; stock, hay, grain and equipment to work the above, all for \$50,000; small cash payment; possession 30 days. F. F. Hinkley, Tyronza, Ark.

160-ACRE FARM FOR SALE—Near main state highway, leading north from Little Rock; 80 acres in cultivation, balance good land; two sets of houses; good location on rural route, two and one-half miles out of Damascus. Price \$3,500. Wm. A. Brown, Damascus, Ark.

80-ACRE FARM FOR SALE—Fine dairy and poultry farm; all in cultivation; good meadows; new barn; beautiful location; near main state highway leading north from Little Rock. Handy to school and church. A bargain for \$1,500. Wm. A. Brown, Damascus, Ark.

80 ACRES—50 acres in cultivation; 500 Elberta peach trees; eight miles producing oil well; drilling several more. Three-room house, outbuildings; one-half mile from town, also close to highway. Will sell for \$4,000 and reserve one-half mineral rights. Also have 2 1-2 acres in Buena Vista, eight-room house, carbide light plant, barn and outbuildings; close to school and churches. Price \$3,000. W. F. Ross, Buena Vista, Ark.

FOR SALE—Large timber tracts, fine virgin timber; \$4.50 per acre; in the heart of the Ozarks. Also improved farming land at a real bargain. H. H. Strong, Mt. Judea, Ark.

136-ACRE FARM FOR SALE—50 acres in cultivation, six acres in timothy and red clover, good bottom land; creek runs through place; all under hog wire fence. Some young fruit trees and strawberries. Four-room house and all furniture. All outbuildings; 12 head cattle, nearly all jerseys; one new cream separator; 19 head of hogs; four head of good mules and all my farming tools, all for \$3,000. C. S. Spicer, R. 1, Box 38, Hardy, Ark.

186 ACRES—Smooth black land in the Ozarks of northwest Arkansas; 40 acres in timber, small orchard, balance in pasture, meadow and crop. Hay crop for one year brought \$1,500. Price of farm, \$8,000. J. M. Davis, Gentry, Ark.

40-ACRE FARM FOR SALE—20 acres fenced; good three-room house; all outbuildings; orchard and strawberries. Three miles from town, one mile from school and church. Will sell at a bargain. Also have 120 acres of unimproved land. H. S. Davis, Box 11, St. Paul, Ark.

90-ACRE FARM FOR SALE—Four miles west of Rosston, 16 miles east of Hope, on Rosston-Hope road, six miles from oil fields; good orchard; priced reasonable. Selling on account of old age. G. W. Bennett, R. 2, Rosston, Ark.

57 ACRES GRAPE AND STRAWBERRY LAND—45 acres in grass, meadow and cultivation, balance creek and valley land. Two good wells; good stone house, almost new; barn, garage, good outside cellar and chicken house. Enough fruit for family use. Half mile to state highway, one mile to Sulphur Springs. Priced for quick sale, \$3,500 on cash basis. E. H. Patterson, Sulphur Springs, Ark.

320 ACRES—Four and half miles Jonesboro; 150 acres in cultivation, 80 in pasture, balance in timber and meadow; all fenced. One dairy barn large enough for 40 milk cows; large machine shed and granaries. Deep well, two big supply tanks; fine orchard; two large dwelling

houses, water piped to bath house; one set of tenant improvements. Walkout proposition, \$25 per acre or will trade for a small alfalfa farm close to school. L. T. Lyons, R. 5, Jonesboro, Ark.

FOR SALE OR TRADE—40 acres fruit and dairy farm. Ed Montgomery, Gravette, Ark.

150 ACRES—20 acres in cultivation; free stock range. Three-room house, large barn and fine orchard for family use. One-half mile to postoffice and school, three miles to railroad. For better description, write A. J. Mead, Advance, Ark.

FOR SALE—Or trade: 315 acres of good bottom land, 100 miles south of Springfield. \$3,500 will handle or will trade for smaller farm. J. R. Doughty, Self, Ark.

40-ACRE INDEPENDENCE COUNTY FARM—Farm for sale; 12 acres fenced; fine young orchard, peach, apples and pears; one acre grapes. Plenty spring water; two-room house and small barn. Located on state highway, one-half mile from postoffice; mail route and telephone service; close to good school and church. Price \$600; \$300 cash and balance easy terms. J. T. Curtis, Locust Grove, Ark.

260 ACRES MOUNTAIN LAND—For sale; 150 acres in cultivation; fine for fruit or small stock farm. Eight-room house; four-room tenant house; small orchard. Located five miles from Paris. Geo. L. Craven, Paris, Ark.

79½ ACRES—12 acres in cultivation, new improvements, about 600 young peach trees and other fruit. Crop on place, team, harness and tools all for \$1,050. Andrew Melson, Dale, Ark.

50 ACRES IN CORPORATE LIMITS—Town of Traskwood; 28 acres in cultivation; fine large orchard; some timber; four-room house, good condition; close to good high school and churches. A real bargain at \$1,500. Reason for selling, other business. Mrs. Louise Hill, Traskwood, Ark.

115-ACRE MONTGOMERY COUNTY FARM—35 acres in cultivation, four acres tame grass, fine orchard and vineyard, good free range; five-room house, good barn, fruit house, shop and wagon house. Close to town, on good road. Price \$1,500; would take good Ford truck on deal. J. T. Roberts, Alf, Ark.

77 ACRES FOR SALE—35 acres in cultivation; 10 acres in pasture; 2 acres in tame blackberries; two small houses; large barn; small orchard; good water; one mile from state highway. Price \$2,000; Federal loan \$900. W. Lowrey, Wickes, Ark.

FOR SALE OR EXCHANGE—Poultry farm, 2 1-4 acres, well improved and equipped; five poultry houses; incubator cellar; feed house; electricity; garage; 5-room bungalow; all buildings well constructed, practically new. On oil road, two blocks from rock road, one block from city limits of Independence, Mo., about two miles to city limits of Kansas City, Mo. Lease on three acres adjoining for three years. Incumbrance, \$3,700. Price of equity, \$7,000. Trade for small, well improved Arkansas Ozark farm. Give price and description in first letter. Andrew Ewing, Lock Box 196, Independence, Missouri.

120-ACRE OZARK FARM—For sale or trade; 50 acres in cultivation; two sets of improvements; two fine springs. Will sell or trade for small place, well improved; 18 miles west of West Plains, Mo. If interested in farm in the Ozarks, write C. C. Hungate, Siloam Springs, Ark.

BAXTER COUNTY FARM—120 acres; 44 acres in cultivation; 15 acres pasture with three living springs. Young family orchard, fine garden; two miles to church and school. Priced to sell at once, \$1,650. John W. Key, Hopewell, Ark.

FOR SALE—In town of Jelks, Woodruff county, Arkansas, six-room house with store connection, on 50x180 foot lot, fenced with improvements. Town has five retail stores, wholesale grocery, garage, barber shop and stove mill and is the crossing of Missouri Pacific and Rock Island railroads, near Cache river and is fine for fishing. For further information, write Mrs. N. J. Bass, Jelks, Ark.

NEWTON PLANTATION TRACTS—Rich river valley plantation in outskirts of city—divided into 80, 60, 40 and 20 acre units and offered for sale on terms. Ideal location for country home, dairy farm, truck garden or poultry ranch. Land level, no rocks, every foot of ground very productive. Good road to markets; healthful surroundings; beautiful scenery, on Arkansas river, in sight of Pinnacle and Pulaski Heights. This property in one family for over a century—never offered for sale before. See the land for yourself. Drive out Lincoln avenue and up the River road. Write for plat and list of prices. Buy from owner, Thomas D. Newton, III., R. F. D. 5, Little Rock, Ark.

Green county farmers marketed approximately \$40,000 worth of poultry during the first quarter of this year.

The Ozark Fruit Growers' Association of Rogers, acting as a marketing association handled \$2,583,204 worth of fruit and truck last year.

ARKANSAS FARM AND MARKETING BULLETIN

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LITTLE ROCK, ARKANSAS

JULY, 1926

State Seed Laboratory Establishes New High Record

By John E. Casey.

ELEVEN hundred and fifty unofficial analyses and more than five hundred official analyses of farm crop seed is the record of the State Seed Laboratory from July 1, 1925, to June 30, 1926. This is high water mark for the volume of work done by the Laboratory since the inauguration of the Seed Inspection service in January, 1924. The previous record was made in 1924 when 1,075 unofficial and 445 official analyses were completed.

The increase in the number of unofficial, or volunteer, samples of farm seed tested this year is taken as evidence of the fact that seed testing among Arkansas farmers is gaining popular favor. It is indication that farmers over the state are coming to know that reliable seed tests are an important item in the program of a successful year on the farm. As the Arkansas pure seed law becomes more widely known the farmers of the state will make proportionately larger use of the service that was established primarily for their benefit.

The increase in official analyses made during the year is due mainly to the good management of Commissioner W. N. Wilkes. Handicapped by the lack of funds with which to defray traveling expenses of seed inspectors and for operating expenses of the laboratory, Commissioner Wilkes was unable to carry out his entire program of rigid seed inspection and seed law enforcement. With the limited funds at hand, however, he was able to cover a good portion of the state and collected approximately 550 official seed samples for tests by the laboratory. The laboratory officials have thus been enabled to render a bigger and more valuable service in the official seed work than has been done heretofore. The credit should go to Mr. Wilkes and the benefits will go to the farmers of Arkansas.

The results of both the unofficial and the official tests show that the farm seed supply this spring was below the average in quality. This is true particularly of cotton seed. More than 700 germination tests of cotton seed averaged 70 per cent. Normally, cotton seed should test about 85 per cent. Likewise, soybean seed, especially seed of the Laredo variety, were considerably off in quality. Corn, lespedeza, rice, oats and cowpeas were all under normal. Corn and sorghum, in the official tests, were noticeably inferior.

It should be said by way of explanation—
(Continued on Page Three)

Roadside Education and Vacation

By T. Roy Reid



Farm tours are arranged so that groups of farmers may see Demonstration results. These autos carried eighty farmers to visit twenty different Demonstrations in one day.

THERE is an education on the roadside. Crops will soon be laid by, roads will be good, and vacation trips and tours can be planned which will give rest, pleasure, and information, all of which will aid in increasing efficiency in farm work.

It is encouraging to note that so many farm folks are taking vacations. The automobile and good roads have made this possible. As people begin to move about and see things, the number of interesting things to be seen increases. The vacation can be made profitable if it is taken for a purpose. It may be restful if one "just drives," taking a good road where it is found; but the worth-while vacation for farmers is one which is planned.

Bradley county farmers have for the past two years planned their vacations and made a tour under the direction of County Agent, C. S. Johnson. On the tour visits have been made to such places of interest as the Cotton Experiment Station at Scott, the offices of the Arkansas Cotton Growers Co-operative Association, through the Ozarks, and the College of Agriculture, where four days are spent attending the annual Farmers' Week. There is something of interest to all members of the family on such a trip and the 4-H Club Short Course is now held at the same time as Farmers' Week, making the week at the College of Agriculture of interest to father, mother, son and daughter.

Farmers in other counties have and are planning tours similar to that taken by Bradley county farmers. Many of these tours are planned to include places of scenic interest in the state as well as in adjoining states.

No more profitable and pleasant vacation for farm folks can be taken than this tour in northwest Arkansas through the beautiful Ozark hills and to Fayetteville to spend several days at Farmers' Week, which is the most outstanding event of the year for farm folks. This year Farmers' Week is to be held the first week in August, a time when a tour can be conveniently taken by most farmers.

An attendance of more than 3,000 farm folks is expected at Farmers' Week this year. They will come from all parts of Arkansas and from some of the nearby states. The association together at this time is very helpful.

Many one-day tours to farms and places of interest in the county will be conducted this summer. Such tours give farmers an opportunity to observe practices in their own county and to become familiar with conditions on farms of their immediate section. Well-planned tours of this kind are of great practical value and result in the observing of methods and practices which may result in increased profits on the farms.

Every farmer and farm woman needs a vacation—one that is well planned and one that will be profitable as well as enjoyable. The county agents and county home demonstration agents know the places in the State which are of most interest from the standpoint of the home and the farm and will be glad to help plan vacations. They are going to Farmers' Week and will be glad to plan for a tour into northwest Arkansas in August. There will be many automobiles on the roads at that time, but there will be room for more.

Changes in Plant Board Staff

By Wm. N. Wilkes.

AT a meeting of the State Plant Board held on June 7, 1926, Geo. G. Becker, for seven years chief inspector of the Board and a member of the first Plant Board in 1917, tendered his resignation to become effective July 1. The Board appointed Paul H. Millar, deputy inspector of the Board, to act as chief inspector until the next meeting of the Board, at which time a permanent successor will be appointed. Mr. Becker leaves the Board in order to accept a position with the Federal Horticultural Board. In his new work he will have complete charge of the Government's eradication, control and quarantine work in connection with the pink bollworm, a destructive cotton pest from India which has gained a foothold on the border in Texas.

Mr. Becker first came to Arkansas in 1910 after having graduated from the University of Maryland and Cornell University. For eight years he was connected with the University of Arkansas as entomologist. During these years he conducted investigation in insect control and published a number of bulletins on the subject. From 1913 until the Plant Board was created in 1917 he was State Entomologist. Mr. Becker is author of and has been in almost continuous charge of the administration of all protective plant legislation which has ever been carried out by the state. From a small beginning as state entomologist in 1913, when he conducted the first compulsory nursery inspection in the state, the plant protection work has been built up until the Board now administers nursery inspection work, sweet potato certification, cedar rust eradication, pear blight eradication, several quarantines to exclude dangerous pests, and fruit inspection work.

Some of the outstanding work which has been accomplished by the Board under his stewardship is the disease eradication work, the sweet potato certification work and fruit inspection service. In northwest Arkansas the Board has nearly completed the eradication of the destructive apple-cedar rust and has made substantial progress on pear blight eradication. With these two projects completed, the apple growers of that section will have advantages shared by no other apple growing region in the country.

Mr. Becker gave to the country its first sweet potato certification service. Dr. L. L. Harter, U. S. specialist on sweet potato diseases, said of this service that it was the biggest step that had
(Continued on Page Three)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES

Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, ads will be published in one issue without charge.

A NATURAL WONDER CAVE.

By W. F. Reeves.

There are many natural wonders in the Wonder State, but in the line of caves, we have heard of nothing the equal of the Blowing Cave at Zack, five miles north of Marshall, within 200 feet of the track of the Missouri & North Arkansas railroad. The temperature of this cave registers from 42 to 44 degrees throughout the year, and many cars of apples have been stored in it in the past and kept practically all the winter, with but little deterioration and none when the apples were gathered and stored at the proper time. Locally, it is known as the cold storage cave, as other vegetables are kept there also. Several carloads can be stored at a time. There is a very strong air current coming from this cave in the summer, sufficient to blow a light straw hat off of a man's head.

The future possibilities of this natural wonder, cannot be passed without notice. Many thousands of people from Arkansas and other southern states take a vacation in Michigan, Maine and other points in the north, where they can spend the nights under a sufficiently cool temperature to require cover, while here is a natural cave that will if developed, supply cool fresh air sufficient to make 250 or more rooms as comfortable on a hot night as can be had in any state on the same date, supply it by its own pressure if piped into the rooms since the opening at the rear of this cave is very small, and this natural wonder lies undeveloped within five hours' drive from Little Rock, in the heart of the Ozarks of North Arkansas.

This cave and the surrounding lands are owned by L. Bogardus of Zack, a leader in the strawberry industry of that community. Opposite the cave, some 300 feet away, is one of the large springs of the Ozark region, from which hundreds of thousands of gallons of water flow every day. Adjoining are wooded sections where parks with places for amusement and recreation can be had. Hunting and fishing territory is in a few minutes' drive. Here is a great opportunity for some one to get a proposition that will pay big dividends on the investment and help Arkansas people.

NEW BULLETIN ISSUED ON PEACH FERTILIZER.

A preliminary report on experiments with fertilizers for peach trees at the Arkansas Experiment Station has just been issued as Bulletin 202. Its authors, J. R. Cooper and C. B. Wiggins, of the Department of Horticulture, College of Agriculture, University of Arkansas, say:

"The peach, due to its lesser importance, has received much less attention than the apple and although several able investigators have done excellent work along this line, there is still need for more information. For this reason, together with the fact that information applicable to Arkansas conditions is badly needed, fertilizer work was instituted in a bearing orchard in the central part of the state.

"Work was begun in 1920 in a 100-acre peach orchard, about seven years old, owned by J. G. and W. L. Cazort, located at Lamar, Johnson county, Arkansas, under a five-year contract. The orchard is on rolling land ranging from Hanceville sandy loam to Hanceville fine sandy loam."

The commercial cucumber crop for this year is estimated by Bureau of Crop Estimates at 214 cars.

TRUCK GROWING FOR YEAR OF 1926.

By C. S. Bouton.

The acreage devoted to truck and small fruit crops in Arkansas this year has been increased considerably over 1925. Irish potatoes increased by nearly 1,000 acres, or 30 per cent; strawberries by 20 per cent, cantaloupes by 10 per cent, and watermelons by 100 per cent, spinach and radishes, the harvesting of which has already been completed, had made substantial additions, though the total amount of land devoted to these crops is small. Bermuda onions are being tried out in a larger way than ever before, as are also snap beans.

Cucumbers, like watermelons and cantaloupes, have made a substantial increase. The acreage devoted to sweet potatoes has not yet been computed, and we can not say whether there is a larger amount than last year. Tomatoes, we know definitely, are occupying less ground than a year ago, but not tomatoes devoted to the wrapped deal. The slump in prices paid for canning tomatoes, and the slow sales of this product caused the decline with this article of food.

Besides increased acreage, the most noticeable thing in connection with the truck growing of the state is the number of new points being developed. Four or five years ago, truck growing was practically all in the Western part of the state. Today, there are areas around Memphis, Helena, Pine Bluff and quite large tracts in Craighead county as well as considerable areas in Desha and Drew counties that are being developed. Part of this new development is undoubtedly due to the increase in number of hard roads which makes markets more accessible, and in fact brings them to the very doors of the growers. It is a very common sight now to see little sheds along all of the well traveled highways where the products of neighboring farms are offered for sale to the passing motorists.

Not only has this class of business increased, but the growing of many crops on a large commercial scale, large enough to warrant heavy carload shipments, has also increased. Dissatisfaction with cotton markets, the propaganda for raising food at home and increased pressure therefor, the work of railroad development departments, and other agencies have been active influences in promoting this increased interest in trucking. Enough of fine returns in these crops were that have also caused emulation, and the fact is gradually becoming apparent to many Arkansas farmers that Arkansas, with its fine geographical location, is well situated for the making of money through the growing of many of these crops.

We give briefly herewith some information regarding the location of the principal crops and the amount moved to market, together with average prices received for the past year or so.

Cantaloupes: Largest districts, Craighead county, 1,800 acres; Hempstead county, 2,500 acres; Sevier county, 1,700 acres; crop will move in July. Practically all Pollock, 1,025. State acreage, 7,800. Expected shipment, 1,215 cars.

Cucumbers: Largest districts Polk and Sevier counties. Acreage, 1,150, and expectation, 215 cars.

Grapes: Largest districts Benton and Washington counties. Expectation, 650 carloads for export shipment in August.

Irish Potatoes: Now being marketed with prices around \$2.00 per cwt. About 4,100 commercial acres. Largest districts, Sebastian, Saline and Mississippi counties.

Strawberries: Crop all harvested. Average price \$4.00 to \$4.50 per crate. Shipments, 1,300 cars. Largest point Springdale, 226 cars.

Watermelons: About 2,700 acres with 500 cars expected. Craighead county with 350 acres, Crawford with 550, and Hempstead with 750, largest points. Movements begin about July 25th. Irish Gray, Thomas' Gray and Tom Watson leading varieties.

Faulkner county truck growers shipped their first cucumbers on June 13th.

Cleveland county shipped their first new crop of potatoes the first week in June.

Farmers in the north part of Logan county have organized a grape growers' association.

Columbia county this year is growing cucumbers and watermelons in commercial quantities.

Blackberry growers of Johnson and Faulkner counties report good production and a fine market.

VOCATIONAL EDUCATION IN ARKANSAS.

By E. B. Mathews.

Vocational Education is that type of instruction in which the student learns by doing. Its objective is to prepare young men and women for useful employment. By this type of instruction the student gets direct contact with life and its responsibilities while acquiring an education, thus obviating the necessity of serving an apprenticeship in practical affairs after graduation. It satisfies the craving of the adolescent youth for ownership and the responsibility of manhood. This work has been operating in Arkansas since 1917. It is carried on in co-operation with the United States government under the Vocational Education Act commonly known as the Smith-Hughes Law.

Three types of education are offered: Agriculture, Home Economics, and Trades and Industries. The agriculture instruction is offered to young men over the age of fourteen who are living on farms. These young men study the science of agriculture in the class room and laboratory under an expert instructor and then carry the information acquired to the home farm and put it into practice in the growing of crops and the care and management of live stock. Each student is required to do at least six months' practice on the home farm each year under the supervision of the agricultural teacher. The projects on the home farm are operated for economic returns. The student not only gets practice in economic production, but he becomes familiar with the business side of farming in keeping records and marketing his products.

By this plan of earning and learning at the same time the rural boy may be largely self-supporting while he attends the high school. The past year agricultural students earned a total of \$296,141.46 and at the same time made a year's credit in school. In each of the rural high schools offering courses in agriculture a corresponding course in home making is carried for the girls. Along with their language work, mathematics, history, civics and science the girls are given instruction in all those responsibilities dealing with efficient home management. This type of work is also given in cities, since the problems of the home enter into all classes and conditions of our social life. Trades and Industrial Education is designed primarily for city schools, and an efficient program along this line may be found in the larger centers.

The Federal appropriation for Arkansas for Vocational Education for 1925-26 and annually thereafter is \$118,130.01. This amount of money comes to the State contingent upon the State matching it dollar for dollar.

As an indication of the appreciation of the public for this type of work there were enrolled in the past year 5,127 students, and the demand for additional schools is far in excess of the funds available.

We cite the following as the experience of one Arkansas boy:

There is an old, trite saying that "Truth is stranger than fiction" and I want to tell you a story that emphasizes this saying in a peculiar way. The hero of my story is Horace Weaver, who lives on a farm in the hill country of Saline county, Arkansas, near a little town with the classic name of Bryant, a name that suggests poetry and romance.

Horace Weaver, like many boys, grew up on this sixty-acre farm and dreamed of fame and fortune that awaited him in some distant part of the world. He saw no opportunity for his ambition in the meagre living the home farm offered. In fact, so unproductive was this land that the father finally decided to let the farm lie idle and work in the Bauxite mines near by. Horace in the meantime bade good-bye to his home and friends and struck out for himself. He first landed in Kansas, where rumor had whispered of great opportunity for young men. However, Horace failed to find the reputed wealth and, after remaining here a while, drifted on into Colorado. From here he went to Utah, thence down into Arizona. Not finding the wealth he sought, he traveled north again to Idaho and then on to Wyoming. It would take a volume to relate all his experiences in these various states, but it is enough for this story to say he did not find in any of these numerous places that satisfying success his young life craved. Again he set forth and did not stop until he had landed in the far state of Florida. Here he began working in a lumber mill and all went well until one day he became entangled in the machinery and lost three fingers of his left hand. Not being able to work, and with a memory of all his discouraging experiences, he "came to

himself" and returned home in the late summer of 1924.

Upon his return home he learned that the little town of Bryant and his home community had good roads, and that the school in particular had made marked improvement while he was away. The course of study had been extended to include high school work. Vocational Agriculture and Home Economics had been added to the curriculum. Being ambitious by this time for a commercial career, and realizing the necessity for more training, Horace decided to attend school again. Mr. White, the principal of the school, advised that Horace include Agriculture as one of the subjects to be studied. At first he declined to do this, but agreed to visit the Agricultural class for one week. At the end of this time Mr. Llewellyn Sibert, the Agriculture instructor, had so presented the subject that it appealed to the boy and he enrolled as a regular student. This Smith-Hughes work requires that each boy taking the course shall practice on the home farm for six months in growing crops or in the care and management of live stock. Horace decided to take as his practice work the operation of the entire farm. He, therefore, studied the soil on the home farm, the markets, the peculiar climatic conditions and, after consultation with his teacher, decided on the following program for the year: Cotton, 3 acres; tomatoes, 2 acres; Irish potatoes, 1 acre; sweet potatoes, 1 1-2 acres; corn, 8 acres; beans, 2 acres; cabbage, 3-4 acres; peanuts, 1 acre; broom corn, 1-4 acre; miscellaneous truck crops, 2 acres. These crops were grown according to the latest scientific methods. During the winter school term he studied seed selection, testing, proper fertilization and cultivation of each of the crops. During the growing season his instructor visited him from time to time and gave instruction on the job, as the Smith-Hughes work requires. All during the spring and summer Horace could be found in the field early and late. While other young men went fishing or on joy rides in their fathers' flivvers, this young man chose to work with his crops. When other farmers became discouraged and quit work because of the unprecedented drouth, Horace kept on cultivating.

Here now comes the interesting part of my story. Harvest is now just over and Horace in checking up the proceeds reports that his two acres of tomatoes produced 10 and 2-3 tons and sold for \$570.80. His acre of Irish potatoes produced 128 bushels and brought \$179. He picked two bales of cotton from his 3 acres which, together with the seed brought \$285. His other crops, either sold or on hand, are valued as follows: Corn, \$200; sweet potatoes, \$150; cabbage, \$38.73; broom corn, \$32.50; peanuts, \$100; general truck, \$125; beans, \$50. This makes his crop production this year total \$1,731.03. His expenses outside of his own labor amounted to \$279.25. This leaves \$1,451.78 for his labor.

Horace Weaver says he has enjoyed his year's work and expects to enlarge on his farming operations next year. He will add dairying to his diversified farming program. Already he has built a sanitary milk house, purchased a truck and erected a garage with a room on the second floor for his den. He expects to attend school again this year and will specialize in Vocational Agriculture.

Horace Weaver is now an enthusiastic farmer. After wandering over seven states in search of his life's work, he has returned to find his opportunity on the old home farm.

We have 3,667 Smith-Hughes students in vocational schools in Arkansas. Now, to you who have heard this story let me say that you have an opportunity equal to that of Horace Weaver. He lives on an average Arkansas farm. What he did you can do if you will use the same intelligence and industry in your farming methods.

Under the auspices of the Hope Chamber of Commerce, Hempstead county will hold their first Annual Watermelon Festival on Friday, July 30th. Elaborate preparations are being made for a great occasion. Preliminary survey by C. S. Bouton, statistician of the Department of Agriculture, show 600 acres planted will probably produce 150 cars. Crawford county is a close rival, as Hempstead is our greatest melon grower.

The first tomatoes of the Drew county crop were grown by A. R. Carter, who lives three miles south of Monticello, and were delivered on June 5th. He received \$2.50 per crate for the tomatoes and a bonus of \$15.00. Carter has five acres in tomatoes and it is estimated that he will get 2,500 crates. He also has 11 acres in watermelons and is raising peanuts for feed.

STATE SEED LABORATORY ESTABLISHES NEW RECORD

(Continued from Page One)

tion that official samples and tests are those made from seed that is found on the market during the season of planting. Inspectors take these samples wherever they find them, and the seed supplies come from everywhere. Corn from the corn states to the north, and sorghum from Kansas and Nebraska, Oklahoma and other states, and all other farm seed from the various states are found in the hands of Arkansas retail merchants. Some of these seed, harvested under unfavorable weather conditions are damaged, more or less, and turn out to be inferior seed for planting.

As a general rule, the laboratory tests of all farm seed tested and analyzed show that home-grown seed is best for Arkansas farmers. Almost without exception, germination tests of home-grown corn showed high quality and invariably a low germination in corn was found with seed corn brought into the state. Some home-grown seed is poor and some out-of-state seed is good, but all in all, it pays to plant Arkansas-grown seed on Arkansas farms. Besides, the "boot-legger" of farm seed, if Arkansas farmers buy heavily from out-of-state firms, has more chance to peddle his trash in the state. A safe rule is to plant home seed where possible. If seed must be bought from an outside source, it should be bought subject to test.

Results of tests in the State Seed Laboratory this year prove conclusively that it pays to test farm seeds before planting them. Approximately 35 per cent of the cotton seed tested was unfit for planting. A large number of these tested as low as 3 to 10 per cent in germination. Only about 25 per cent of the 700 cotton seed samples showed seed worth planting, that is, seed that tested from 85 per cent to 95 per cent. Thousands of tons of cotton seed had to be discarded as worthless as a result of laboratory tests. In this way farmers of the state were saved time, trouble and expense that would have been entailed without the tests having been made. Many of our farmers availed themselves of the free testing service of the State Seed Laboratory and derived obvious benefits. A great many others did not and many replantings were necessary, due in most cases to the use of dead, untested seed. It pays to have your seeds tested before planting them.

Quite a number of volunteer samples have been received at the laboratory since the time for planting. These tests are completed as quickly as possible so the sender may know the results without delay. It appears that samples of this kind come from stocks that have been bought hurriedly, without test, that have been planted and come up to a poor stand. The farmer has lost his time, work, money and it has cost him uncertainty, worry, effort, work, money, etc., to replant. Moral: When buying farm seed, buy subject to test by the State Seed Laboratory.

The inspectors of the department reported numerous instances of "Tag attached, but misplaced." The shipper in such cases had his tag attached when the seed were delivered, but the merchant in handling or pouring from bag to bin let the analysis tag get away from the seed. Consequently the farmers buying this seed "guessed" that the seed was all right. The official report of the State Seed Laboratory this year will show many instances of no guaranteed analysis simply because the local merchant was careless about his seed tag. It is unlawful for a merchant to sell unlabeled farm seed, in 10-pound packages or more, but it is difficult to enforce this law when those buying farm seed do not insist on knowing the guaranteed analysis that should be shown on a tag attached. Ask the seed merchant to show his tag, and if it is misplaced, follow the safety-first plan and look elsewhere for seed that is correctly labeled.

Many instances have been noted this year of large seed shipments into Arkansas without the analysis tag. Memphis jobbers and wholesalers in particular find ready market for their seed supplies in Eastern Arkansas whether the analysis tag is attached or not. Due to the laws governing interstate commerce, the Arkansas Seed Law cannot prosecute out-of-state jobbers and wholesalers and others who ship unlabeled seed into the state. Our only means of protecting the farmer in such cases is to hold the dealer responsible for the proper labeling of this seed. It will become the practice of these dealers to buy from such out-of-state seed firms that will tag their shipments according to the Arkansas law. With more funds in the future to carry on this phase of the seed work, flagrant violators

WILL ARKANSAS BE REPRESENTED AT PHILADELPHIA?

Within the next few days there will be opened at Philadelphia, Pa., and continue until December, the Sesqua-Centennial Exposition, which will doubtless be the greatest event in recent years and will draw heavy attendance from the whole nation as well as foreign countries.

Every State in the Union will have an exhibit of their products with the exception of Arkansas.

Pride of State has prompted your Commissioner and other public-spirited citizens in a united effort that our State might be represented with a fine exhibit of her minerals and agricultural products. The expenses of this exhibit will be financed by private funds as the Legislature failed to make provisions for an event of this nature.

As a result, letters soliciting aid have been mailed to many mercantile, agricultural and industrial leaders asking for a small donation, and fair progress is being made.

The Commissioner realized that he has not sufficient time to gather a new exhibit and he will be forced to ship the greater portion of the exhibit he now has at the Department.

The funds will be used to defray expenses of shipping; building quarters and maintaining employees who can tell Arkansas' story.

This will be a great opportunity to advertise our State at small expense.

Yours very truly,

WM. N. WILKES, Commissioner.

of the seed law, and the obnoxious "boot-legger" of so-called farm seed will find it necessary to do their unlawful business in places where the restrictions are less rigid.

The chief value of official analysis of farm seeds lies in the fact that these are published in the official report of the State Seed Laboratory. This published report shows the name of the jobber or wholesaler with his address and the name of the dealer and his address. It shows the guaranteed analysis in per cent purity, the germination per cent, weed seed per cent, noxious weed seed, where the seed is grown, the date of germination and the true name of the seed. Along side this information is to be found the results of your State Seed Laboratory. A study of the report will show at once who are the reliable wholesalers and jobbers of farm crop seed. It will show the merchant who the responsible seedsman is, who labels his seed and who wishes to comply with the Arkansas regulations. Arkansas handlers of farm seed should lose no time in boycotting the shippers of seed who show no disposition to comply with the Arkansas Pure Seed Law.

Close check on the seed trade in the state could not be made this year, due to lack of funds for effectively enforcing the seed law. However, the seed law and its purposes are becoming better known and as the farmers of the state know more about the general benefits and advantages of strict seed supervision they will appreciate the advantage of having their home-grown seeds tested before planting. The Experiment Station officials have installed in a well-arranged laboratory sufficient equipment, and the most modern to be had, to carry on the work of a state seed laboratory. We are equipped to take care of the evident growing demands of the service. And with the completion of the new agricultural building on the university campus we will move into one of the best appointed seed laboratories in the southwest.

The need of more adequate funds for carrying on with seed law enforcement must be supplied. Arkansas is still a dumping ground for a lot of no-account, worthless, dead seed,—trash, called farm seed, and unless we meet the demand for eliminating this low grade of farm seed stocks from Arkansas, we may expect the "bootlegger" and the unscrupulous violators of seed laws to continue to reap their annual harvests from the unprotected farmers of the state. Credit must be given to those companies who want to comply with the law, and Arkansas must protect those who desire to comply with the regulations. Give us more adequate funds with which to enforce the Arkansas Pure Seed Law and we will make it possible for Arkansas farmers to get seed that will come up when planted. We will eliminate the losses that occur every year to the farmers of the state from the use of bootleg seed. We will give protection to the Arkansas merchants who desire to handle good seed at a reasonable price. We will drive from Arkansas those "seedsman" who would destroy legitimate business by offering trash at a lower price than good seed can be grown for. The Experiment Station has equipped at its expense the State Seed Laboratory. Let the state give us funds now for rigid enforcement of the seed law. The beneficial results will come to 200,000 farmers of Arkansas.

Rainfall for the month of May totaled only 1.56 inches as against a normal fall of 5.10 inches.

HOW ARE YOU RAISING YOUR BOY?

By W. J. Jernigan.

There are around 340,000 boys and girls of school age in the counties of this state in which agricultural extension work will be conducted the coming year. It is safe to say that one-third of this number, or over 100,000, are of the required age for boys' and girls' club work, live on farms, and hence, are available for club work. Records of the enrollment in boys' and girls' club work the past year show that we reached about 14 per cent of the available number, or 14,000. This is a fairly good per cent, but we should reach at least 20 per cent, or 20,000.

There is no one who can do more in helping us reach that number than the parents of these boys and girls. The parents can help in the following ways:

1. By seeing to it that there is a club in their school community and that their boy and girl belong.

2. By helping their boy and girl get a good start by securing good livestock or good seeds.

3. By showing them how to keep their records and explaining the literature to them.

4. By not only permitting them to go to their monthly meetings, but by seeing to it that they do go.

5. By attending their meetings with them.

6. By offering their services as a local leader of the club in their community and helping them make it the best in the county or state.

7. By encouraging their boy and girl all through the year. They need such encouragement.

8. By helping their boy and girl to be winners in their club.

9. By giving their boy and girl at least a part, if not all, of what they grow during the year and by not letting the boy's pig become dad's hog or the girl's calf mamma's cow.

10. When the time comes by seeing to it that their boy and girl make their yearly reports and that they exhibit at their community and county fair the stuff they have grown.

If all the parents in this state with whom we work, and a great many more with whom we would like to work, would do these things, then it would be an easy matter to not only reach 20,000, but many more than that number. What about it, parents?

The fact is, if we do not begin to think more about the future welfare of our boys and girls we are likely to wake up some day when it is too late, with the thought contained in the little poem, "How are you raising your son," written by Whitney Montgomery, burning its way into our minds and consciences:

"You are raising cotton and corn, you say,
As fine as the earth will grow,
You are raising cattle and hogs and sheep
That win wherever they go.

"You are raising wheat that is hard to beat,
And I know you are coining the mon,
But tell me this, Oh, Man of the Soil:
How are you raising your son?

"Do you take the time to talk with him
Of the things that he ought to know?
Do you show him the good and the bad of life,
And teach him the way to go?

"Does he trust in you as a son should do?
Do you make him your friend or slave?
Will he stand some day with his fellow men,
Honest and strong and brave?

"Oh, cotton and corn and wheat and oats
Are things it is well to grow,
And cattle and hogs and a bank account
Are good for a man, I know.

"But the ribbons you take, and the money you make
Will bring but a mite of joy,
If you get to the top of the hill and find
You've made a scrub of your boy."

Benton and Washington counties will hold their annual Grape Festival during the month of August at Springdale.

Farmers of Randolph and Faulkner counties purchased two carloads of Jersey dairy cattle during the month of June.

University Bulletin No. 206, recently published, deals with fertilizers for Irish potatoes and is based on eight years' experience.

Several sections of the state reported their first boll weevil early in June. This fellow will bear watching as the crop is late.

CHANGES IN PLANT

BOARD STAFF

(Continued from Page One)

ever been taken to protect the sweet potato industry of the country. This system has since been adopted in one form or another by every southern state.

The fruit inspection work recently inaugurated by the board makes it possible for Arkansas growers to have their fruit inspected and graded and to secure a federal certificate certifying to the grade. These certificates offer a great protection to the grower as they are considered a prima facie evidence of the true grade of the fruit inspected and prevent the fruit being turned down by the consignee.

Mr. P. H. Millar, the present acting chief inspector, is doubtless known to many readers of the Marketing Bulletin. Mr. Millar is a graduate of the University of Arkansas, having secured part of his training under Mr. Becker while he was connected with the university. After the passage of the Pure Seed Law Mr. Millar became the first State Seed Analyst. He served in this capacity under the administration of Jim G. Ferguson as Commissioner of Agriculture, and the successful continuance of this valuable work is due largely to the careful foundation which he laid for the beginning of this work. In 1924 he resigned as state seed analyst to become associated with Mr. Becker as deputy inspector, and has served in the latter capacity since.

PEACH LEAF CURL

By V. H. Young.

Reports from many parts of the state indicate that peach leaf curl is much more serious in Arkansas this year than for several seasons. That there would be such an attack was evident when such a long spell of cool moist weather occurred just at the time the buds were swelling.

Peach leaf curl is characterized by thickened, distorted and curled leaves, which drop off in a few weeks, causing a severe drain on the vitality of the tree and often causing a complete failure of the crop. Repetition of this defoliation for several seasons generally ruins or kills trees.

Fortunately, peach leaf curl is easily controlled, even in very favorable seasons, and no excuse can be found for failure to control the disease in commercial orchards. Infection takes place only during the period of swelling of the buds early in the spring, and no further spread takes place. Only dormant spraying in the fall after the leaves have fallen, or before the buds have swollen in the spring, will control the disease. It should be emphasized that every bud must be wet with the spray solution and that spraying after the buds swell will not give control.

Although peach leaf curl is not prevalent except in seasons having a cool, damp spring, no grower can afford to omit this spray, since with a favorable season for the development of the disease an almost complete failure to the crop may result.

Almost any standard fungicide gives satisfactory control of peach leaf curl, provided the application is thorough enough to wet every bud and is applied during the dormant season. One and one-half gallons of commercial lime sulphur to 50 gallons of water, used as a scalecide, also controls peach leaf curl, but if it is desired to use lubricating oil emulsion as a scalecide, a 4-4-50 Bordeaux used with it will control peach leaf curl.

FARMERS EXCHANGE

LIVESTOCK FOR SALE OR EXCHANGE.

JERSEY BULLS—Pure blood, all ages. Priced right. Ira Stemple, Wickes, Ark. **WANTS TO BUY**—Little-bone Berkshire hogs. Prefer registered stock. L. W. Forbes, Haekett, Ark.

ANGORA GOATS—Any number desired. Priced right. Johnson Bros., Mayfield, Ark.

WANTS TO BUY—Two registered Poland China sow pigs and one Poland China boar; not related. J. E. Keek, Mountainburg, Ark., R. R. 1.

WANTS TO BUY—Large number of goats. Ernest Ball, Ravenden, Ark.

FOR SALE OR EXCHANGE for a good bird dog, a large black and tan hound; good fox dog. M. J. Blakely, Grannis, Ark.

FOR SALE OR TRADE—Registered English Pointer pups, 5 months old. Will trade for a good double-barrel shotgun or a five-tube radio. R. C. Tolburt, Gentry, Ark., R. 2.

POULTRY AND EGGS FOR SALE AND EXCHANGE.

WANTS A PARTNER—To invest \$1,000 or more in a real poultry farm. Best location in state. Paying varieties of pure-bred poultry. If interested, write R. A. Ayotte, The Blue Bird Poultry Farm, St. Francis, Ark.

RINGLET BARRED ROCK cockerels, hatched Feb. 15th; order early for prize winners. Prices from \$1.00 to \$2.50. Mrs. E. E. Verser, Route 2, Lonoke, Ark.

BARRED ROCK COCKERELS—15 mos. old; from prize winning stock. Price \$5.00 each, prepaid. Minnie Vandever, Lincoln, Ark., R. R. 1, Box 70.

FOR SALE—Silver Spangled Hamburg hens, \$1.25 each, money must be mailed with order. C. G. Mitchell, Scranton, Ark., Box 167.

GOLDEN BUFF MINORCA cockerels, 8 to 10 weeks old; finest of breeding. Price \$1.50 to \$2.00 each. Anna B. Fyffe, Hill Top Route, Harrison, Ark.

SINGLE COMB BROWN LEGHORNS—and Silver Spangled Hamburg cockerels. Extra fine ones; price \$1.00 each. W. F. Sudmeyer, London, Ark., R. F. D. 1.

TOWN PROPERTY.

FOR SALE—Five-room house, barn, chicken house, good garden and small truck patch. Close to high school. Price \$400. A. L. Huggins, 1600 Barber St., Little Rock, Ark.

FOR SALE—One 5-room stucco bungalow, modern, well located. One large 6-room house, modern, close in. Five dwelling lots. Small stock of notions, queensware and toys. One 1 1/4 ton Garford truck; good as new; one photo studio. N. E. Bixby, Van Buren, Ark.

FOR SALE—Two acres in corporate limits of Rector, nearly all in fruit. Splendid place for poultry. If interested write Jas. S. Ryan, Rector, Ark.

MISCELLANEOUS.

WANTS TO BUY—Bur clover seed, free of weeds. Quote price of 100 pounds. Ira Stemple, Wickes, Ark.

FOR SALE OR TRADE—Patent rights on combination tool. Five tools in one, would interest all shopmen, mechanics and farmers. Will trade part or all for land or town property. For full details, write Jno. W. Shaver, Ben, Ark.

FOR SALE—I. I. Case grain separator, 20x28; hand feed, common stacker, with grain elevator with spout. Used two seasons. Cost \$650, will exchange for power hay press, Fordson tractor, or haying tools. J. F. Woodin, Lexa, Ark.

GEARHART KNITTING MACHINE in good condition; will trade for good incubator and brooder. James J. Smith, Ravenden, Ark., R. F. D. 2, Box 41.

TIMBER AND WEED KILLER—Liquid kills trees, grass, weeds. Easily made. For particulars write Miller Sales Agency, Kensett, Ark.

FOR SALE—No. 4 1/2 second-hand Butterfly cream separator. Will exchange for chickens or Jersey calf. Cash \$15. M. L. Taylor, Wideman, Ark.

FRUIT PICKER—Can pick fruit from any part of tree by means of handle. For cash or trade anything of equal value. Bryon McNeill, Wattensaw, Ark.

WANTS TO BUY—100 pounds dried fruit, either peaches, apricots or apples. Quote prices. Henry D. Stahr, Route 3, Cordell, Okla.

SURE CURE FOR RUNNING FITS—Write Dr. V. J. Andre, Osceola, Ark. Also want representatives in each city or town in Arkansas. Good proposition for a good salesman. Dr. V. J. Andre, Osceola, Ark.

WANTED—Open field grown cabbage and tomato plants, also sweet potato slips. Nora Warren, Appleton, Ark.

FARMS FOR SALE AND EXCHANGE.

80 ACRES—For sale or trade; 35 acres in cultivation, good pasture with fine spring, fruits and berries of all kinds, one acre of strawberries; 4-room house, store room, all out buildings necessary, good well and cistern, 3 1/2 miles to shipping point on main line K. C. S., half mile to good school and church. Will trade for smaller place or will take \$200 cash. Mrs. Philip Churchel, Decatur, Ark., Route 1.

FOR SALE—255 acres, ten miles south of Hot Springs; 100 acres in cultivation, 300,000 feet pine saw timber. Well, improvements, new 4-room house and barn, tenant house and barn; good orchard, fine springs and running streams. Price, \$7,000. John McCugh, R. 1, Box 37, Pearcy, Ark.

FOR SALE—140 acres, 95 in cultivation; bottom land; two sets improvements and all outbuildings. Good schools and church, 2 miles county seat, on state highway. Sell cheap with easy terms. I. O. Park, Powhatan, Ark.

161 ACRES in Valley county, in Montana, which I will trade for land in northern or northwestern part of Arkansas. This land is level and fine soil all ready for the plow. Prairie; no improvements. O. E. Fosse, Gen Deliv., Detroit, Minn.

FOR SALE—1,000 acres in Jefferson county. All in cultivation. Will take \$10.50 per acre or will trade for good business and residence income property. Easy terms. "Owner," P. O. Box 387, Pine Bluff, Ark.

80 ACRES—Good heavy clay loam soil. Fenced and cross fenced; 65 acres in cultivation; large plum and peach orchard, 6-room house, barn and other outbuildings; 1 1/2 miles from railroad town. Will sell easy terms or trade for small farm or city property with clear title. M. Blakely, Grannis, Ark.

30 ACRES—In hardwood timber near Mineral Springs, Ark., close to stores, postoffice and church. Will sell at a bargain or trade for property in Iowa. Fred Harker, Box 136, Woodward, Iowa.

160 ACRES FOR SALE—120 acres in cultivation, three-fourths mile good high school and church. Four houses, good barn. Will sell cheap. Half down and balance on terms. J. W. Kimbrell, Route 2, Box 30, England, Ark.

FOR SALE OR EXCHANGE—For good North Arkansas property, 81 acres, 36 acres in fine timber, balance in cultivation, fenced and level. House, good barn, and spring, 4 miles from West Plains, Mo., three-fourths mile state highway and railroad; small incumbrance. G. H. Cline, Route 3, Box 71, West Plains, Mo.

40-ACRE FARM FOR SALE—13 acres in cultivation, 3 acres in orchard, 10 acres bottom land, produced last year 11 bales cotton without fertilizer; new two-story house, barn and outbuildings, half mile to new state highway, 3 miles to railroad, close to good school and church; \$1,800, half cash, balance easy payments. B. A. McManus, Viola, Ark.

CHEAP LANDS—For sale, \$5.00 an acre and up, cash. One mile from the Harrison-Clarksville highway, now under construction. Wonderful bargains in the rocky fruit, berry and stock country. J. Bodine, Swain, Ark.

120-ACRE FARM FOR SALE—50 acres in cultivation, 60 acres in timber. Fine orchard for family use, good water year around; 4-room house, barn and outbuildings. Price \$2,600, one-fourth down balance terms to suit. Selling on account of old age. J. E. Jones, Rector, Ark.

7 1/2 ACRES TRUCK LAND—Three miles from Little Rock, all under woven wire fence. About five acres in cultivation; 100 yards off pike. Priced to sell. G. D. Taplin, Redfield, Ark.

160 ACRES FOR SALE—100 acres in cultivation, genuine Crowley's Ridge fruit lands, where the Crowley's Ridge Development Fruit Growers' Association are planting several hundred thousand peach trees, grapes, etc. Nice residence and two tenant houses, 3 miles northeast of Wynne on good road. Price \$25 per acre, terms if desired. A bargain. W. W. Shaver, Wynne, Ark.

320-ACRE STOCK RANCH—at Saratoga, Wyo., six miles north of Saratoga, which I will trade for good land not more than 3 miles from Berryville, Ark. W. J. Scarrow, Box 152, Berryville, Ark.

SHARE CROPPING—Would like to make 3, 5 or 10-year contract to cultivate 20 to 60 acres on halves, beginning 1927. Desire good tools, one or two brood sows, cows and good team. Expect to grow garden truck, feed stuff, some fruit, berries and melons. No cotton considered. For further information write Raymond Wetherbee, Route 3, Box 85, Ft. Smith, Ark.

80-ACRE CONWAY COUNTY farm for sale; 65 acres in cultivation; 4 acres in pasture; 5-room house, good outbuildings; located close to big saw mill; 7 miles to Casa; close to church and school. Price, \$2,000. Byron Ashcraft, Box 113, Casa, Ark.

FOR SALE—58.6 acres; 50 acres in high state of cultivation and has a fine crop on it now; balance in timber and pasture. On good road, one mile from high school, a real home for some one. Richest land in Mississippi county. I am a physician and cannot farm; \$4,500. Dr. N. R. Hosey, Joiner, Ark.

FOR SALE—1,096 acres good farm land; 300 acres in cultivation, five sets of improvements; 3 miles from K. C. S. Ry. If interested write R. R. Miller, Hatfield, Ark.

160 ACRES, 75 acres in cultivation, 40 acres good timber, 125 bearing peach trees, apples, cherries and grapes. Four-room house, 2 barns; located 3 miles from Ravenden Springs, the famous health resort of northeast Arkansas, on public road, one-fourth mile to school. Price \$12.50 per acre, terms if desired. W. N. England, Box 95, Datto, Ark.

FOR SALE—80 acres land, 35 in cultivation, 225 apple and peach trees; good house and barn. Located 3 miles from county seat, 1 mile from R. R. town. Price \$2,000, \$500 cash, balance terms. Annie Jones, Lafa, Ark., R. 1.

240 ACRES FOR SALE—100 acres in cultivation, well improved; nice young orchard; 4-room house, nice large barn; located 12 miles from Ozark, 2 miles to school and church. Close to country store. George Mitchell, Mountain Top, Ark.

158 1-2-ACRE RICE PLANTATION—120 acres now in rice, well, 1,500-gallon Bernice oil engine, 2-story frame house, good outbuildings, school located on corner of land; one mile from Leighton Switch, where rice can be loaded, 4 1/2 miles from Stuttgart, on hard surface

road. Improvements close to \$10,000. Price \$80 per acre. E. Tallman, Planter, Stuttgart, Ark.

108 ACRES LAWRENCE COUNTY land for sale, 40 acres fine creek bottom land, balance upland. Flat creek runs through farm, good fishing, 8-room house, good outbuildings, large barn; one mile to county seat, Powhatan 3 1/2 miles; Black Rock, Frisco Ry.; close to school. Priced with terms, \$2,000. J. G. Wells, Black Rock, Ark.

CHICAGO MILL & LUMBER COMPANY'S fine cotton and alfalfa plantation in Woodruff county being sold to white farmers in 40 to 80-acre tracts, terms like rent. Rich basin soil. Splendid drainage; school, church, good roads. Proximity of these lands to McClelland, Ark. Come see lands, talk to men who have bought. Free booklet giving full information upon request. Chicago Mill & Lumber Co., McClelland, Ark.

80 ACRES FOR SALE—32 acres in cultivation, 25 acres in timber and pasture; free range. Good 3-room house with store building attached; small barn; one-fourth mile from church and school; cash, \$700. Witt Blaney, Rupert, Ark.

FOR SALE OR TRADE—80 acres mountain land, 10 acres in cultivation; good house and barn. Will trade for Ford truck or anything of equal value. Ben A. Davis, Mcrose, Ark.

120 ACRES FOR SALE—60 acres in cultivation, balance in pasture, meadow and timber. Good sandy land. Three-room house, barn and outbuildings; fruit for family use. Located three miles from Paris, Ark. Price, \$2,000. M. G. Johnson, Paris, Ark.

160 ACRES IN MARION COUNTY—for sale. No improvements, but lots of good timber, near sawmill and town. Price \$5.50 per acre. Elmer Bryant, Amos, Ark.

1,240 ACRES—200 acres in cultivation, will let anyone have all they make to clear, develop and cultivate if said party will pay taxes. For further information write Mrs. W. L. Stegall, 564 East Main street, Jackson, Tenn.

FOR EXCHANGE—Large wheat and pasture land in Saskatchewan, Canada, for 10 to 40 acres in Ozarks; no cash wanted. S. V. Cowan, Waldeck, Saskatchewan, Canada.

FOR SALE, 98 ACRES—55 acres in cultivation, balance in timber; 6-room house, good outbuildings, fruits and berries. One mile south of Bearden on highway. O. W. Koontz, Bearden, Ark., R. 2.

120 ACRES IN MADISON COUNTY—45 acres in cultivation; 10 acres wild meadow; 4 acres in clover and orchard grass; some improvements; will sell or trade for place in north Arkansas or east Oklahoma; small place well improved. For information write J. W. Sell, St. Paul, Ark.

120 ACRES—40 in cultivation and fenced, frame house and other outbuildings; small orchard. Price, \$875; good terms. R. Birch, Snowball, Ark.

142 ACRES IN WASHINGTON COUNTY—20 acres of grapes, 130 apple trees; 1,000 red and black raspberries, another orchard older, with apples, peaches, cherries, pears and plums; 7-room house, outbuildings, nice garden, all implements included. For further information write R. R. 1, Box 56, Fayetteville, Ark.

On 175 acres which produced 25 carloads and 379 crates, farmers of Conway county derived a total revenue of \$51,953.45, an average of \$296.81 per acre.

Twenty business firms at Morrilton used a half-page space in the Morrilton Democrat to advertise this report to other farmers of the county, who may not have awakened to the call of strawberries as a money crop. The advertisement is headed, "You reap the benefit on what you sow—why not sow that which reaps you the most?"

The average price per crate received by Conway county truck growers was \$4.57.

Anthrax is believed to have caused the death recently of four mules on Brandywine Island, Crittenden county. Stagnant water is supposed to explain the presence of the disease.

G. F. Knox of Luxora, Mississippi county, recently finished harvesting 2,000 pounds of turnip seed. He came from Tennessee, and this is his first crop in this state. Many turnip seed are imported from foreign countries.

T. W. Shipman, Searcy county farmer, recently sold \$111.32 worth of produce from his farm in one day. The items included chickens, hogs, cream, hay and eggs. This farmer is not worried over the cotton market or boll weevil.

Sharpe county farmers recently organized a Truck Growers' Association.

INQUIRIES

T. M. Sanders, Dunedin, Fla., has good property well located in Florida and Tennessee, and will trade part of it for good property well located in Arkansas.

E. E. McKimm, 31 West 52nd St., Kansas City, Mo. Especially interested in cheap lands of Arkansas.

W. J. McDonald, Inc., 114 Volusia Ave., Daytona Beach, Fla. Interested in timber tracts, large or small.

W. D. Snyder, Ashland, Ohio. Wishes to make Arkansas his permanent home; desires general information.

W. A. Stacey, Abilene, Kan. Especially interested in northwestern part of Arkansas. Moderate size farm and diversified production.

William Orr, Falls Creek, Pa. Desires to come to Arkansas and would like to have a job with some kind of mills, mines or can do pipe line work.

A. Edwards, Curtiss, Wis. Wants to come to Arkansas; has family of eight; especially interested in Independence county. Tired of cold climate in Wisconsin.

D. L. McNeely, Mt. Holly, N. C. Wishes general information on farming, prices of land in Arkansas. Wants to make it his home.

L. L. Murphy, 829 Gravier St., New Orleans, La. Interested in cotton section of Arkansas.

J. A. Whitmer, Harrison, Mich. Interested in farm lands of Arkansas, as he intends to make Arkansas his future home. Seeking general information.

W. T. Hartnett, Beloit, Wis., wants to purchase about 1,000 acres to go into sorghum business, must have plenty water—about 100 barrels daily. A red clay with sandy mixture is preference. Near a railroad, but not necessarily close to a town, if conditions are good.

ARK

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ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY "FOR THE FARMERS OF ARKANSAS" SUBSCRIPTION FREE

VOL. 12, NO. 6

LITTLE ROCK, ARKANSAS

AUGUST, 1926

Commissioner William N. Wilkes Briefly Outlines His First Year's Accomplishments

WITH this issue of the Bulletin, which is the first on the second year of this Biennial Period, your Commissioner desires to call to our readers' attention a few of the things accomplished in the face of the fact that the last Legislature reorganized the Department and gave us \$170,000.00 for the two-year period, as compared with \$316,000.00 for the preceding two-year period, as shown by the Comptroller's report.

Your Commissioner having devoted his life principally as a farmer and teacher, assumed charge with limited opportunity of knowing the great part this Department plays in the State's affairs, and with no experience with the Legislative work, and it gives me a feeling of thankfulness that I have been able to maintain the work under these handicaps in the manner I have, and we now enter the second year hoping to accomplish more than last year.

This Bulletin, which is issued free of charge, has regularly been read each month by approximately 75,000 farmers and has, as you remember, held its columns open to our greatest agricultural and horticultural leaders, men with nation-wide recognition.

Some of our readers probably are not aware that this unit is composed of four minor Departments, which are as follows:

BUREAU OF IMMIGRATION, which takes care of publicity and issues the various publications, encouraging investment and immigration to our State, and should in my opinion be liberally supported by the State, as an advertising campaign should be started for the purpose of putting Arkansas, her farms, farmers, farm products and natural and industrial resources before the world in their proper light, in much the same way that California, Florida, Canada and Washington state have.

Belgium is a country having an area equal about one-fourth that of Arkansas. It has a population of about 7,500,000 people. Assuming that Arkansas has no greater natural advantages than Belgium, she still, on a basis of that assumption, could support 30,000,000 people. How much easier it would be on each individual to pay the tax necessary to carry on governmental work if we had a population of several million instead of our present population of less than 2,000,000. Arkansas has greater natural advantages than any similar area in the world. It is not hoped or desired that the population of Arkansas might be suddenly increased to 30,000,000, still



W. N. Wilkes, Commissioner of Mines, Manufactures and Agriculture, Whose administration began January 1, 1925.

any increase will bring a corresponding increase in property values, individual prosperity and a lessening of the average per capita taxes.

The only way to get others to come into Arkansas and help develop her wonderful resources is to spend some money to let something about her wonderful, natural, agricultural and industrial resources be known—her oil, gas, diamonds, kaolin, bauxite, fruit, berries, potatoes, cotton, health and pleasure resorts, water

power, fine roads, rice, transportation facilities and her warm-hearted, open-handed, hospitable people. The tax at four cents per gallon on gas bought by tourists who would be attracted to the State by a proper advertising campaign would, beyond question, put back into the State Treasury many times the amount spent for such advertising. That tax would, of course, go into our road funds and thus give us very genuine relief and at the same time help make it

possible to keep going forward with the state's road program. The benefit which would accrue to our schools through the taxes paid by these tourists on the purchase of those commodities which are taxed to procure revenue for the schools, is inestimable. It is real economy to spend a dollar that will produce more than a dollar in return.

THE PURE SEED DEPARTMENT is in its third year, and we have taken up the work so well started by my predecessor and carried the fight on so aggressively that we have driven from our State many unscrupulous dealers who formerly robbed our farmers by using our State as a dumping ground for poor and inferior seed that other States would not permit the sale of within their borders. If we produce good crops we must have good seed. Our laboratories, for the enforcement of this law, are located at Fayetteville, and co-operate with the State University. Services of this Department are without charge to the farmer.

THE DEPARTMENT OF CROP ESTIMATES co-operates with the U. S. Department in handling all marketing conditions and production estimates of agricultural and horticultural products. This work preserves the records of the past for the benefit of the present and future, and has the active co-operation of approximately 5,000 farmers located in practically every township in the State, and the effect reaches every market in the world.

OUR WAREHOUSE DEPARTMENT controls the creation of about 200 co-operative Shipping, Mercantile and Marketing Associations, and also Gin Control and Cotton Tagging. It is self-supporting.

The following publications have been issued this year in addition to the Bulletin:

Seventh Annual Crop Report.
State Map showing rainfall, timber, geological and Mineral Resources.
128-page book entitled, "Minerals of Arkansas."

Our last publication is entitled "Summer and Winter Health and Pleasure Resorts in Arkansas," it being a homeseeker and tourist guide.

At the State Fair held in Little Rock last year we maintained the first exhibit by this Department, and our State was highly commended by many non-residents who attended.

At the National Mining Congress held in Memphis last fall, assisted by others, we maintained an exhibit of our minerals, in competition with the other
(Continued on Page Three.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES

Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied. **IMPORTANT**—Space permitting, ads will be published in one issue without charge.

CAN FOR HEALTH.

By Gus M. Oehm.

Are you enjoying good health? Do you feel that snap and vim pulsing through your body making you glad to be alive? Something is wrong if you don't feel that way.

Fresh air, sleep, exercise and proper foods are the foundation stones upon which good health is built. Proper foods is the worst abused of the four, yet Nature has provided a wonderful supply of foods whose health giving qualities are supreme. Faulty nutrition is not a new thing. Many will recall how our grandmothers insisted on periodical dosing with bitters, and the use of the sassafras tea in the spring as a means of "thinning the blood" which was supposed to become impure and thick during the winter. When spring comes the prevalence of that "tired feeling" established the belief that winter was an unhealthful season. With the coming of warm weather various greens were available and the "run down" feeling disappeared about this time. Fruits and vegetables are Nature's own medicines, tonics and foods and should be served twelve months in the year.

It is not a difficult problem to prepare well balanced meals during the spring and summer months because fruits and vegetables are plentiful. Modern science has taught us much about foods that was previously unknown. We know today that vitamins regulate and control certain vital processes and without these essentials in sufficient quantities in the diet normal healthy life cannot exist. Most vegetables and particularly the green leafy vegetables contain relatively large quantities of some or all of the three well known vitamins.

The mineral salts which science teaches us are so essential to good health—the most important of which are iron, calcium and phosphorus—are found in vegetables and fruits. Vegetables have another important function to perform in the body. They supply bulky food which assists in elimination. This is necessary in order to keep the body free from poisonous wastes and since this is Nature's way it is far more effective than any artificial way.

Well balanced meals during the winter will help materially toward keeping the family in good health. "So far as is known at present the value of canned fruits and vegetables as sources of the much needed mineral salts and certain other materials is approximately equal to that of cooked fruits and vegetables" according to the United States Government Bulletin number 1211.

Since fruits and vegetables cannot be grown all the year round it is necessary that the housewife can a supply for winter use. One of the goals of every homemaker should be to grow a variety of vegetables in the home garden in order to have a sufficient quantity to supply the immediate food needs of the family and have a surplus to can for winter use and thus improve the health of the entire family.

An estimate of the number of jars of fruits and vegetables that will be needed in order to serve one vegetable every day during the winter besides potatoes or dried peas or beans, takes the "hit or miss" out of the present system of canning. If any one would like to have a suggested canning budget to use as a basis on which to work, just write to the Agricultural Extension Service, College of Agriculture, University of Arkansas, with headquarters at 310 Federal Bank & Trust Building, Little Rock, Arkansas, or to your home demonstration agent and ask for Extension Circular number 172.

NEWS ITEMS

Benton county began its shipments of early apples on June 26th.

Lincoln county farmers are finding the dairy industry to be profitable.

Columbia county marketed their first commercial watermelons on July 7.

H. H. Beall of Columbus, Hempstead county, recently shipped the first carload of sheep.

Yell county farmers near Ola are contemplating planting several acres to strawberries.

Curt Baker, Marion county farmer, realized \$150 on one-half acre of strawberries this season.

Farmers of Scott county have organized an association and will plant 300 acres to strawberries.

The U. S. Department of Animal Husbandry announced several outbreaks of anthrax during the past month.

Paragould, Greene county, is fast developing into a cantaloupe growing center. They will ship approximately 50 cars this season.

North Arkansas reports an immense huckleberry crop this season. The berries being of excellent quality and bringing good prices.

Texas Cotton Growers sold their first bale of this season's cotton on June 24, the cotton bringing 17 1-2 cents per pound and a bonus of \$500.

The annual grape festival for the Ozark country will be held at Springdale on August 18. Great preparation is being made for this festival.

Farmers and business men of Glenwood recently organized a co-operative fruit and truck association. As a result

we predict for this community a bright future.

Farmers attending the annual Short Course at the University will this year be treated to a carload of Hempstead county water melons. These melons were supplied by farmers and merchants of Hope.

The first annual grape festival for the Arkansas Valley Association was held at Altus, in Franklin county, on the 29th of last month. Great interest is being manifested in territory adjacent to the Iron Mountain Railroad between Little Rock and Fort Smith in grape culture.

W. B. Carter, Benton county farmer, has already sold this season from 3 acres field of rubbarb, \$750 worth. He will continue cutting and selling until frost. This is a crop that once planted grows in value year by year, and increases in roots that can be sold or separated for more acreage.

Fifteen hundred pounds of Faulkner county chickens were served to approximately twelve hundred people at a dinner given in honor of President W. L. Baldwin of the Missouri Pacific Railroad at St. Louis, Mo., recently. The occasion being the birthday party celebrating the 75th year since the organization of this road.

The Frisco Railroad reports that they handled 1,545 carloads of strawberries not including express shipments, from the Ozark section this season. The total value of this movement was approximately \$1,845,000. Springdale led in Arkansas, shipping 241 cars, 41 more than was shipped from there last year.

S. C. Bouton, agricultural statistician associated with this department, recently completed a survey of the prospective cantaloupe crop. He estimates that Hempstead county will produce 385 carloads, and that the total crop for the State of 1,215 cars. Sevier county probably will ship 285 cars, Craighead 175, Crawford 115, and several other counties smaller quantities.

Dr. J. R. Grant, Supervisor of the Rural Schools, with the Department of

Education of the State of Arkansas, has accepted the presidency of the Arkansas Polytechnic College at Russellville. Dr. Grant is peculiarly qualified to fill this position, and we predict as a result of his labors a greater agricultural activity for that district.

Arkansas' peach shipments are now in progress. Refrigerating companies are preparing for a 2,800-car shipment. Our canteloupes are moving at the same time the peach crops, and they have arranged for 1,300 cars for cantaloupes. Immediately following this movement the grape crop will begin to move.

The last car of strawberries of the season was shipped on June 1st, by McRae growers, making a total of 72 for the year. The season's business has been very gratifying to the growers. The average price received was a little less than \$5.00 per crate, and about \$150,000 was brought into the community. The dry weather cut short by some half a dozen cars the Aroma berry crop. The acreage set to berries for next year has been considerably increased.

The College of Agriculture, University of Arkansas, has accepted control of a 185-acre experimental farm on the Bankhead Highway, three miles north of Hope. This farm will be used as a branch experimental station for fruit growing and truck growing. The value of this property is estimated at \$10,000 and was donated by the progressive citizens of Hempstead county. This tract was selected in preference of twelve other tracts located in Southwest Arkansas.

Anticipating losses to strawberry growers from berries ripening too rapidly for shipment at Bentonville was prevented by the opening of the Mid-Mountain Cannery for canning strawberries. The plant canned many thousand cans, this being the first experiment on a large commercial scale in the Ozark territory, and will probably result in this company and other Ozark canneries contracting large acreage of strawberries for canning purposes next season. The Bentonville plant can handle one and a half carloads of berries per day, and is receiving excess berries from many Arkansas and Missouri strawberry shipping points.

Let Us Talk To You About

Farmer's Week at Fayetteville

Every farmer who attended last year is a booster this year. He wants to go back and take the whole family.

*We Want
You to Go*

August 3-4-5-6

*Take the
Whole Family*

Last year nearly 3,000 farm folks from outside Washington County attended. This year Dean Dan T.

Gray expects nearly 5,000.

**THE FIRST ANNUAL CLUB SHORT COURSE
WILL BE HELD IN CONJUNCTION
WITH FARMERS' WEEK.**

**Will Your Boy and Girl Be Among the Thousand or More
4-H Club Members to Obtain This Wonderful Trip?**

IT'S THE FIRST WEEK IN AUGUST

LET'S ALL GO

LET'S ALL GO

WILLIAM N. WILKES, Commissioner

A SELF-DEFENSE POLICY NECESSARY

By John E. Casey.

Forty-four of the forty-eight states of the Union have seed laws of one kind or another, the states that are without seed laws being Georgia, Massachusetts, Nevada, and Rhode Island. This means that commercial farm crop seed, and in many states garden and truck crop seed, must be sold in accordance with prescribed rules and regulations. If all these states are enforcing their seed laws, it means that the unscrupulous seed merchant, called by some, "bootlegger," is being driven out of business. He is necessarily looking elsewhere for opportunity to carry on his activities.

The four states that have no semblance of seed laws afford no protection to their farm people from these dishonest, so-called seedsmen. They naturally find these unprotected sections inviting places in which to ply their trade. That is not all. Those states which have seed laws, but which do not enforce them are soon singled out by the alert, crafty "bootlegger" of farm crop seed, and farmers of such states are at the mercy of sellers of no account, dead seed just as much as those in the commonwealths that do not pretend to have protection.

The injury that results from tolerating the activities of unscrupulous seed merchants are manifold. First, the farmer who buys their trash loses the money that he pays for what he thinks is farm seed at "bargain" prices. Second, this same farmer, instead of obtaining a stand of the crop seed that he buys, awakens to the fact that he has bought and planted a lot of weed seed, some of which will require years of hard labor and expense to eradicate. Third, the farm on the other side of the cross-fence is exposed to noxious weed infestation from this farm, and although the farmer across the fence is paying higher prices for good farm seed, he nevertheless is made to pay for the folly of his neighbor. The farmer who buys low-quality seed for a low price not only is playing a losing game, but is jeopardizing the chances for success of his next farm neighbor.

In the fourth place, the honest seed merchant is put to a great disadvantage. He has the reputation of delivering a high-grade of farm seeds and he wants to maintain his reputation. He has spent his best years building up a trade of which he may justly feel proud. He welcomes the enactment of pure-seed legislation. He finds no difficulty in selling his product according to the law. If the law is just and equitable. But if the seed law of a state is not enforced rigidly and impartially, the hars are down and the doors are open to the "bootlegger" to come in and under-sell the honest merchant, and the "bootlegger" gets the business. The law-abiding merchant is not given a fair chance and he loses. Nobody makes anything but the "bootlegger." He has peddled his trash, the farmer, thoughtlessly, has lost his money and been out the time and trouble of planting the trash, and the honest seedsmen has not had a chance to sell high class marketable farm crop seed.

But the existence of the seed bootlegger is the old story of "cause and effect." The Cause is the farmer who wants farm seed at a low price, and the Effect is the bootlegger of farm seed. There would be no room for the dishonest seedsmen if buyers of farm seed demanded good seed. The life of the bootlegger is the low-price demand of a great many farmers who cannot see that it pays to buy the best seed to plant. But so long as there is a demand for low-priced seed, just so long will there be seedsmen who will supply that demand. The merchant who handles a poor grade of farm seed is not to be blamed for his business. He is in the seed business and his chief aim is to supply the farmer with what he wants, whether he wants good or bad seed, high-priced or low-priced.

In a nut shell, if we are to have with us for always the bootlegger of farm seed all we have to do is to keep up our demand for low-priced seed. If our state laws forbid the operations of the bootlegger, he will use the mails and sell INTERSTATE. That kind of transaction gets him from under the state law, as it is INTERSTATE commerce, and state laws cannot reach transactions of such a nature. Recently a farmer near Fayetteville received a lot of farm seed from a mail-order house in another state and the seed proved to be worthless. The farmer asked the State Seed Laboratory officials if there was not some way to prosecute the shipper. But nothing, under the Arkansas Pure Seed Law, could be done. The case was out of our jurisdiction. The farmer had found certain seed offered, in advertisements, at "bargain prices," and had sent his money for the cheap seed. And cheap seed was what he got.

The Arkansas Pure Seed Law does not prohibit the sale of dirt and trash if it is properly labeled. The Arkansas law recognizes the farmer's right and privilege to buy cheap seed if he wants to. He actually does not have the right to jeopardize his neighbor's farm with the possibility of infesting it with noxious weeds that almost certainly and invariably are in "cheap" seed. But the farmer can buy the cheapest seed on the market if he wants to. However, the man that sells the cheap seed must, according to law, label it correctly. He must attach a tag showing germination, with date made, how much pure seed and how much weed seed and dirt. Then if the farmer wants to buy, it is his lookout.

The Seed Law adequately enforced helps the farmers who help themselves. By that is meant that the law requires a tag on every package or bag of seed, in 10-pound sizes or more, and the farmer must read what is on the tag to determine whether it is as good as the high price warrants, or as poor as the low price indicates. Not all seed companies doing business in Arkansas are tagging their seeds. One reason is that farmers, in many instances, do not ask for the tag. The purity and germination percentages on a seed tag are as important to the man buying to plant his crop as the label on a fertilizer tag is to the man who wants a high-grade mixed fertilizer.

It is the business of the State Seed Laboratory, among other things, to see that farm crop seed wherever found in the state for sale, is properly labeled. This gives protection to the farmer who wants to get his money's worth. This gives him assurance that labeled seed from reliable seed merchants who have a reputation to maintain will bring ample returns at the harvest, other factors being favorable. The State Seed Laboratory as a part of the Bureau of Mines, Manufactures and Agriculture has an inspection service, which when supported adequately with funds to carry on the work of inspection and analysis, can give adequate protection to Arkansas farmers.

We must have funds with which to carry on this highly important work. We must have the united support of farmers, seed merchants and all others who are interested in this vital factor of maximum farm-crop production.

UNEASINESS IN COTTON BELT.

As the Bulletin goes to the press, there is a great amount of uneasiness throughout the cotton belt of the state. This occasioned by the many pests that are being reported from practically every section.

The last month having been such that weather conditions encouraged the propagation of these pests. The cotton stands throughout the state and the development of the plant to date has been excellent and it is generally understood among the cotton growers that the month of August is the most critical month governing cotton conditions and as a result, we suggest to the farmers of the State that they should be on the alert, constantly watching the fields, as many of these pests work rapidly after starting. That they prepare for most any emergency that might become necessary during the next forty days.

Having grown an excellent plant the fruiting season now starts, and the next six weeks will control conditions. Infestation from the cotton hopper and weevil are reported from many sections of the State. A few reports of the red spider has been made, then the last fellow we have to contend with is the army worm.

SWEET POTATO INSPECTION WORK BEGUN

Inspection of the fields of those who have applied for sweet potato certification has been begun, according to officials of the State Plant Board.

The Arkansas certification system is said to be the most rigid of any in the entire country. A row-to-row inspection is made, every plant coming under the eye of the inspector. A single plant affected with stem rot is sometimes sufficient to disqualify a whole field.

Owing to the large acreage to be looked over, this work will probably not be finished before September 1.

W. C. Danpf, a Searcy county farmer, reports a clear profit of \$1,472.65 from five acres of strawberries. We know of no cotton grower who can clear \$300.00 per acre.

The farmers of Cotton Plant, Woodruff county, grew their first Irish potatoes as a commercial crop as a result of the experiment. Heavier planting will be made in the future.

COMMISSIONER WILKES OUTLINES FIRST YEAR'S ACCOMPLISHMENTS

(Continued from Page One.)

States, and it was the general opinion we had the best exhibit present. Mining interests of the world had representatives there, and they were indeed surprised at the showing made by Arkansas.

Assisted by many public-spirited citizens, we have been able to raise sufficient funds by donation to place a creditable exhibit at the Sesqui-Centennial Exposition at Philadelphia, Pa., it being a celebration of our Nation's 150th birthday, and is beyond question the greatest event, portraying the Nation's progress and products, held in many years. We will maintain high type and competent assistants there to tell Arkansas' story, until the end, December first. This was handled in this manner, as the Legislature made no provision for this great celebration and all other states were represented.

While not satisfied with the work accomplished, but like many of our readers, our work is limited by shortage of funds, and as in private affairs we must keep our activities within our income, however, I see for our State a wonderful future, that is now dawning, if advertised to the world, and in the future, I believe I can be of still greater service in helping to place our State where she should rightfully be.

THE WIDOW'S SWEET POTATO PATCH

Paul H. Millar.

Not long ago a woman came into the office of the State Plant Board with a basket of sweet potatoes on her arm. She said that this was a sample of some seed she had bought. The seed, she said, bore the Plant Board's tag, certifying them to be disease-free, but she wanted an inspector to look them over again, so as to make a sure thing of it.

This woman was as much afraid of the stem rot disease as most folks are of smallpox.

"I am a widow woman," she said, "and I live on a little farm on the _____ pike. About all the money I make comes from sweet potatoes.

"Last year I bought enough slips from a seed store to set two acres. The man said they were not certified, but were disease-free just the same, and just as good as the certified ones.

"They were cheap enough, and looked all right except for a yellow one here and there. We had a good rain right after they were set out, and I thought that my plants were going to do fine. They did, for about a week, and then all over the patch you could see the young plants begin to turn yellow. The stems would swell up, and turn black on the inside, and the vines would quit growing and finally die. I suppose half of them were dead by the first of July."

"Yield cut about in two, was it?" I suggested.

"Yes, and then some," said the widow. All I ever got from that patch was a little hog feed. The vines kept right on dying and by the middle of the summer there weren't a dozen good, healthy ones left. That's why I'm so cranky about those seed being healthy. I'm a poor widow woman, and another failure like that will just about put me on the county."

I examined the potatoes, and the widow went on her way rejoicing. I have not seen her since. But, harring accidents, there is right now a thrifty patch of sweet potatoes on the little farm on the _____ pike, and the widow will be safe from the poorhouse for one more winter, at least.

Stem rot does not always show up as it did in the widow's patch, taking everything the first year. In fact, that is the exception. Generally there will be just a few yellow plants at first, you think maybe the mule stepped on them, or a mole had been there. The next year it's a little worse, but you think it's the dry weather. Every year there is a little more injury, until finally you wake up to the fact that a disease has got your potatoes.

About this time of year and a little earlier, letters from worried farmers begin to come in to the Plant Board office. Something is killing their sweet potato plants, they say, and what can be done about it? Generally a few plants are mailed in, and generally they are found to be suffering from stem rot.

To all such, little comfort can be offered. "You will have to take your losses," we reply. There is no cure for stem rot. But next year, if you plant certified slips on land which has not been in sweet potatoes for six or eight years, such losses can probably be avoided."

THE NATIONAL CLUB CAMP.

By W. J. Jernigan.

The First National 4-H Club Camp for club members and club leaders will be held at the U. S. Department of Agriculture in Washington, D. C., in June, 1927. The holding of this camp was decided upon at the Annual Conference of State Extension Directors in Chicago last November as a result of the success of county and state camps which have been held throughout the country. The camp will be held under the direction of the Extension Service of the U. S. Department of Agriculture, which will provide for everything except meals, which will be very low.

Those Who May Attend.

Two boys and two girls will be selected from each state upon a basis that emphasizes real club achievement in one or more club projects, for not only the present year, but for the entire period of which the boy or girl has been in club work. It also places great stress upon group or community activities, leadership activities, physical fitness and story of club experience. In reality it is on a "Leadership development" basis. Those eligible to try for these trips must be at least 15 years of age and must have been an active member two years prior to 1926, and must furnish verified records of all club achievements for his or her period of club membership.

The Arkansas State Fair will send the four club members to Washington.

One boy and one girl will be selected in each county having a county or home demonstration agent to attend the 4-H Club Congress, which will be held at the State Fair this fall. The county delegates will be selected upon the same basis as the four who will attend the 4-H Club Congress at the State Fair will be selected the two boys and two girls who will represent Arkansas at the First National 4-H Club Camp.

The 4-H Club Congress at the State Fair is a big thing in itself and means much to those who are able to win a trip to it.

The railroads of the State provide free transportation to the winner, a co-operation that few states get for their club members. The Missouri Pacific offers "Missouri Pacific Trips," the Frisco "Frisco trips," the Rock Island, "Rock Island trips," etc. This kind of co-operation means much to the development of club work.

Then, the State Fair provides free meals and lodgings to the delegates, thus making the trips entirely free to the club members and, hence, much sought for by them.

But, the four trips to the First National 4-H Club Camp will be the big event of the year as far as awarding of prize trips are concerned, and it is expected that they will bring forth very keen competition among the old members of the State, and rightly they should, because of their great importance from an educational view.

Aside from the trip offered to club members above, Wilson & Co., of Chicago, are offering its usual free trip to Chicago to the champion pig club member of the state, and Swift & Co., a free trip to the American Royal to the champion beef calf club member. Also, the Kansas City Southern Railroad is continuing its offer of one free trip to club boys to the American Royal, in counties along its line in this State having Extension agents, and it is probable that the Frisco will make the same offer along its lines. So, there are some splendid sight-seeing and educational trips ahead for our club members this year.

Can goods valued at \$1,080,000 constituted the leading products for Washington county for 1925. Poultry, strawberries, dairy products, apples, livestock and grapes were the next six outputs in the order named, with values in round numbers as follows: Poultry, \$446,000; strawberries, \$339,000; dairy products, \$260,850; apples, \$379,000; livestock, \$327,000; and grapes, \$241,000. All crops are expected to be increased this year, and the grape crop will be doubled according to reliable estimate.

North Arkansas farmers living adjacent in the territory served by the Missouri North Arkansas Railroad Co., have recently become interested in sheep growing and as a result many high-bred sheep have been shipped into this territory as foundation stock. The county is well adapted to this industry.

Crawford county this year produced an exceptionally early Irish potato crop, which they marketed on an active market. They also made heavy shipments of cucumbers, tomatoes and are now marketing their cantaloupe crop.

FARMERS EXCHANGE

LIVESTOCK FOR SALE.

ANGORA BUCKS—High grade, from spring lambs to 3-year-olds; \$5 to \$15 each. Murrell Johnson, Sonora, Ark.

FOR SALE—Toggenberg buck. Priced reasonable, or will exchange for a Toggenberg doe. Robert Hornaday, Fordyce, Ark.

PURE-BRED TOGGENBERG BUCK KID—Will exchange for pure-bred buck, or will sell for \$35.00; naturally hornless. Dam Judean 20470, sire Lycourges Alden 23183. Geo. Boeger, Waldron, Ark.

HAMPSHIRE HOGS—For sale, one boar 1 yr. old; pigs 2 and 3 months old; just have male pigs for sale. F. P. Owens, Bingen, Ark., R. F. D. 2.

FOR SALE—A tried, bred Duroc Jersey sow, first check for \$45 gets her. L. W. Owens, Bingen, Ark., Route 2.

POULTRY AND EGGS FOR SALE.

LEGHORNS, THOMPSON ROCKS—Rhode Island Red and Ancona baby chicks. Thirteen years' experience. Price right. All letters answered. R. J. Hubbard, Ola, Ark.

BUFF ORPINGTONS and Rhode Island Red roosters, pure bred. Price \$2 each. Mrs. J. D. Keith, Jonesboro, Ark., Route 3.

FOR SALE—100 Single Comb White Leghorn hens, 17 months old, price \$1.00 each, f. o. b. Tanager strain and excellent layers. Mrs. W. F. Reeves, Marshall, Ark.

WHITE LEGHORN COCKERELS from heavy laying strain, \$1.25 each. Express paid. J. J. Duerr, Altus, Ark.

BARRED PLYMOUTH ROCK eggs. Fifty cents per setting. Young cockerels, 75 cents each. One-year-old cockerels \$1. Mrs. B. C. Davis, Pangburn, Ark.

BROWN LEGHORNS—Single comb; very fine ever-laying strain. Cockerels, \$1.50 each. Four-months-old, per dozen \$15. Some pullets and hens. Z. W. Saylor, Dutton, Ark.

ENGLISH LEGHORNS—Cockerels, February and April hatch, \$1.00 to \$2.50 each, f. o. b. Ruby Cumbie, Route 1, Box 76, Greenwood, Ark.

GOLDEN BUFF PLYMOUTH ROCK cockerels, 12 weeks old. Price \$1.00 to \$1.50. Alva Caperton, Adona, Ark.

TOWN PROPERTY FOR SALE.

FOR SALE OR TRADE—Five-room bungalow and three acres of land in Ravenden Springs. A real health resort. I have also 240 acres three miles from Smithville; 65 acres in cultivation, 175 acres in pasture. J. R. Massey, Smithville, Ark.

FOR SALE—One frame store house and two lots located in east Calico Rock; one 4-room bungalow, four lots, located near schoolhouse in Calico Rock. A real bargain; would take a good car or truck in deal if priced right. Balance cash. M. A. Marchaul, Calico Rock, Ark.

MISCELLANEOUS.

SAWMILL FOR SALE—Complete with planer. Will sell at a bargain. C. E. Reed, Scotland, Ark.

FORMULAS to make hens lay, to make all kinds of jelly, without fruit; to make honey like bee honey, to make fish bite, to keep eggs fresh a year, to make good vinegar in a few minutes. All for one dollar. Geo. F. White, Golgohacia, Ark.

CANARY BIRDS—Hartz Mountain and St. Andreasberg, mixed; have mottled and dark kind; fine singers, \$6 each, females \$2. Mrs. Ida Ziegenhorn, Wenier, Ark., Lock Box 211.

FOR SALE—Fairbanks-Morse 2 h. p. gasoline engine; just the thing to pump water. A bargain. Write the Times, Mulberry, Ark.

RABBIT PUPS FOR SALE—Three fine pups, \$1.00 each. W. J. Keith, Route 3, Box 26, Jonesboro, Ark.

DESIRES TO MOVE TO ARKANSAS, and wants to get in touch with some good farmer who has land for rent. J. J. Wilkins, Madison Sta., Miss.

FARMER looking for a place for 1927, write what you have. Raymond Wetherbee, Route 3, Box 85, Fort Smith, Ark.

OZARK MOUNTAIN CONCORD GRAPES—Delicious 7-pound baskets 50c, 25-pound baskets \$1.50. New crop apples \$2.25 per bushel. Express or post paid anywhere in Arkansas. Bern Carlock, Springdale, Ark., Route 2.

80 ACRES OF LAND—60 of which I will give the merchantable and other tim-

ber on it for the clearing of same, and if desired, I will rent the land to the one who improves it. Annie Jones, Safe, Ark.

WANTS TO BUY—Good place in white neighborhood, close to good town. Must have house and barn. Desire about 25 acres in cultivation. S. F. Davis, Route 1, Doddridge, Ark.

WANTED TO BUY—Or trade land for small telephone exchange. John Andrews, Delight, Ark.

WANTS TO BUY two pure-bred Toggenberg milk doe kids. J. F. King, Jersey, Ark.

FARMS FOR SALE AND EXCHANGE.

CHEAP LAND FOR SALE—Near National Highway, to be completed by August 1st. In the rocky, fruit, poultry and dairy country. Price \$6.00 and up. Some farms equipped and priced to sell. Pindall Land Co., Pindall, Ark.

FOR SALE, 27-ACRE FRUIT AND BERRY FARM—Three and half miles from Alma. Two acres in strawberries, about 40 fruit trees; 16 acres in cultivation, 7 acres in timber, 4 acres in pasture; 4-room frame house, good barn, chicken house and other outbuildings. Close to church and school. Located on good road. Price \$1,600. M. F. Owens, Route 3, Alma, Ark.

120 ACRES AT A BARGAIN—40 acres in cultivation, all fenced; small orchard, frame house and other outbuildings. Price \$875; good terms. R. Birch, Snowball, Ark.

240 ACRES—160 acres in cultivation, 75 in woodland pasture, set in grass and watered. Three houses, barns and outbuildings. Plenty good spring water. Close to school, three miles west of Ash Flat, Ark. Land easily cultivated, use riding plows and machinery. G. R. Carney, Ash Flat, Ark.

142 ACRES FOR SALE—On main highway five miles northeast of Fayetteville. Seven-room house, all outbuildings; 20 acres in grapes, 130 young apple trees, 1,000 red and black raspberries, old fruit, apples, peaches, pears and cherries. Big garden, half of crop, all farm implements, one team mules, and one cow. R. R. 1, Box 56, Fayetteville, Ark.

35 ACRES FOR SALE—Three-room house, barn, small shop. Good pasture and plenty of fruit for home use, apples, peaches, pears, plums, grapes and cherries. Good place for fruit or chicken ranch. Price \$35 per acre. William Lane, Greenwood, Ark.

20 ACRES WELL IMPROVED—On State Highway; a real home. Price, \$350. Oliver Warren, Ozone, Ark.

120 ACRES FOR SALE OR TRADE—Ten miles south of Booneville, 45 acres in cultivation, balance timber creek bottom. For full description write W. M. Parrott, Route 1, Box 31, Ione, Ark.

100 ACRES FOR SALE OR EXCHANGE for smaller place. Five miles from Lincoln, Washington county, 50 acres in cultivation. Good house, and barn. Close to school. W. E. McDonald, Route 1, Lincoln, Ark.

320-ACRE ZINC MINE—Adjoining the Allison mines north of Marshall. Have two cars of ore on hand now. Do not have the money to develop this mine and will sell for \$20.00 per acre. The timber on land will pay for it. Must sell at once. For further information write Berry H. Ragland, Marshall, Ark.

84 ACRES FOR SALE—50 acres in cultivation. Plenty good fruit. Six-room house, two barns, good outbuildings. State highway on one side of place. Located at the edge of town, close to school. Price \$3,500. W. T. McLeod, Smithville, Ark.

46 ACRES for sale, three miles from Hamburg, 25 acres in crop, nice young orchard, will sell crop, stock and tools if desired. Four thousand dollars' worth of modern improvements. Guy Duckworth, Route 4, Hamburg, Ark.

FOR SALE—Eight and half acres, five acres in cultivation. Ideal strawberry land. Good site for grocery store. Four-room house and other outbuildings. Small orchard. Good stock pasture. Half oil royalty reserved. Price \$500. Mrs. O. R. Williams, Route 4, Monticello, Ark.

120 ACRES IN WHITE COUNTY—60 acres in cultivation, 30 in good timber. Soil is black sandy loam with cotton, corn, strawberries and other crops grown. Four-room house, good barn, cow shed, poultry house, milk and potato houses. Fenced bog-tight wire. Price \$30.00 per acre, \$1,500 on time, balance cash. Give possession in fall. F. J. Fenske, Judsonia, Ark.

100 ACRES—Eight miles northeast of Casa, Ark., 65 acres in cultivation, 5 acres in pasture, balance in timber. Three sets

of improvements, fruit for family use. Will also sell stock, farm tools, if desired. A real bargain. J. A. Suggs, Casa, Ark., Route 1.

160-ACRE JOHNSON COUNTY FARM also 280 acres in Logan county for sale. Have several vacant lots in Oklahoma City which I will trade for Arkansas farms. Dr. Woodford Hammond, 1222 Reeves Ave., Mena, Ark.

40 ACRES FOR SALE—Four acres in cotton, eight acres in bottom corn and hay, plenty spring water, two-room boxed house, chicken house, barn, hay shed, nice young peach orchard. Plenty timber. Sixty chickens, one Red Duroc sow, nine pigs farm tools and household goods. All go for cash. For further particulars write B. Lathberry, Flippin, Ark.

40 ACRES FOR SALE—20 acres cleared, on State Highway. Nice little new house, barn and orchard. A real place for a poultry farm. J. G. Wells, Black Rock, Ark.

160 ACRES FOR SALE—75 acres in cultivation, all fenced; good 5-room house, good barn. Also one 4-room house with two cisterns. Located four miles from town. One mile from nine months' school. W. W. Kernodle, Vannale, Ark.

116 ACRES FOR SALE—70 acres in cultivation, balance in timber. One mile from railway station on State Highway. Good 5-room house, good new barn and other outbuildings. Small orchard. Price per acre, \$30.00. N. M. Kilburn, Route 1, Box 70, Pindall, Ark.

80-ACRE CREEK BOTTOM FARM—40 acres in cultivation, balance in good timber; 15 acres in clover and timothy. Good 3-room house, barn, small orchard. Price per acre, \$30.00. M. Kilburn, Route 1, Box 70, Pindall, Ark.

120 ACRES IMPROVED FARM—For Sale; 30 acres in cultivation; rich bottom land; balance in timber, some of which is black walnut. Fine place for a stock farm, as this 120 acres adjoins the Ozark national forest, and is surrounded by free range. Three-room house, barn and chicken house. Price \$900. Mrs. I. D. Warren, Ozone, Ark.

503 1-2 ACRES FOR SALE—200 acres in cultivation; use all riding plows. Three sets of improvements, everything convenient. Five and half miles from county seat. Will sell or trade for suburban acreage or property in good school town. G. R. Carney, Ash Flat, Ark.

160 ACRE FARM—Two miles north of Goshen, Ark., on main highway. 50 acres in cultivation; 8 acres in bearing apple orchard, also plums, peaches and some grapes, balance in timber. Four-room boxed house with two rooms furnished. Good barn and poultry house. Also have 30 acres good timber land one mile east this farm. Four-room house, barn, and poultry house. Will sell together or separate. Above described property will be left in care of G. M. Neill, Goshen, Ark. G. W. Mayfield, Goshen, Ark.

160 ACRES FOR SALE OR TRADE—60 acres in cultivation, 100 acres in good timber. Six-room house, two barns, granary and other outbuildings. Will trade for western property. C. E. Corn, Imboden, Ark., Smithville Route.

111 ACRES FOR SALE—Two and half miles from State Highway, priced to sell, for further particulars, please write W. W. James, Yellville, Ark.

320 ACRES IN SHARP COUNTY FOR SALE—About 80 per cent smooth enough for plow, balance in good timber; 120 young peach and apple trees, 200 grape vines; practically all under good woven wire fence; good 3-room house, barn, garage and other outbuildings. Four and half miles to Poughkeepsie, close to rural school and church. Will sell or exchange. C. O. Smith, Poughkeepsie, Ark.

TWO BLOCKS LAND—One new five-room bungalow in Belton, Tex., price \$3,000, or will exchange for good stock merchandise. Hardware preferred, located some place in Arkansas. W. W. Bales, DeQueen, Ark., Route 2.

160-ACRE FARM TO TRADE—For cattle, sheep or mules. Fine fruit land, plenty free range for cattle, 40 acres in cultivation. Located 20 miles north of Mountain Home, Ark. J. C. Barnett, Amos, Ark.

FOR SALE OR EXCHANGE—Fine valley, sandy black soil in the blue grass, corn and alfalfa belt of northwest Missouri, also 80 acres of good upland in northwest Missouri, which I will exchange or trade for Arkansas property. Bruce Cranmer, Chillicothe, Mo.

120-ACRE FARM IN GREEN COUNTY—10 miles west of Rector; 60 acres in cultivation, 60 in timber, 4-room house, log barn, plenty water, family orchard. Close to school. Price \$2,500, \$500 cash, balance terms. J. E. Jones, Rector, Ark.

422 ACRES FOR SALE—300 acres in cultivation, balance ready to clear, railroad station with switch running into the place. Land well adapted to corn, cotton and alfalfa, without inoculation. Together with a ginny, store and gasoline station. One two-story, well-built bungalow and large metal roof two-story barn with capacity for ten head of mules, feed and hay. Located nine miles east of

Wynne. For further information write W. W. Shaver, Wynne, Ark.

240 ACRES FOR SALE—80 acres in cultivation, balance in timber. No improvements on place. Will sell all or part of it on reasonable terms. T. J. Gladson, Box 394, Hot Springs, Ark.

62-ACRE FARM FOR SALE—Will grow practically anything; 15 acres in woodland pasture. Five-room house, new barn, poultry house, etc. Good school and church one-fourth mile on State Highway. All well improved; will sell for \$1,800; title clear. Mrs. E. Miller, Winthrop, Ark., Route 1.

INQUIRIES

Frank McCarty, 2228 Pacific St., North Bend, Oregon, seeking general information about Arkansas and her resources. Especially interested in prices of improved farm land.

Judson Smith, 164 N. Cicero Ave., Chicago, Ill. Desires small farm in north or northwest Arkansas.

M. L. Vernon, 509 West Ninth, Newkirk, Okla. Seeking all information possible concerning the Ozarks, farm and farming, especially around Fayetteville, Ark.

FARMERS' WEEK AT THE UNIVERSITY

The campus of the University of Arkansas will be humming with folks from all over the state the first week in August. It is Farmers' Week. The program covers four days, August 3, 4, 5 and 6.

Last year nearly 3,000 folks attended Farmers' Week, not including those from Washington county. The indications are that the attendance this year will approach 5,000. Of course, such a big meeting means that every effort has been exerted to make the programs for the general meetings and the sectional meetings as good as it is possible to make them. It is easy to get the biggest men and women in the country to appear on the programs of such a big gathering.

Members of the Arkansas Seed Growers' Association and all others interested in better seed and better practices in growing crops will be especially attracted by the programs of the agronomy section. An entire period will be devoted to each of the following topics: Cotton, rice, corn, fertilizers, cotton classing, and legumes. Three well-known out-of-state men will speak at the meetings of the agronomy section, H. A. Morgan, president of the University of Tennessee; Fred Griffice, plant breeder of the Oklahoma Experiment Station, and W. A. Cochel, editor of the Weekly Kansas City Star. Among the state speakers are: J. F. Tompkins, president of the Association, Burdette; H. D. Dilday, Stuttgart; R. E. Short, Wheatley, and A. H. Prince, rice specialist, Stuttgart.

ARKANSAS COW SETS PRODUCTION RECORD

The Jersey cow, Fern's Lady Raleigh one of the most outstanding individuals in the herd of the Arkansas State Teachers' College at Conway, Ark., has established a new 305-day production record, which is nearly 200 pounds higher than any 305-day test so far completed in this state. This great dairy cow was started on test when she was 4 years and 9 months of age, and in the following 305 days she yielded 632.97 pounds of butter fat and 11,097 pounds of milk. Her milk averaged 5.70 per cent butter fat for the test, and as she made her record while carrying calf she qualified for a gold and a silver medal awarded by the American Jersey Cattle Club, New York.

Throughout the test, Fern's Lady Raleigh showed that consistency of production which is so essential for good records. In only one of the complete months of the test did her yield fall below 60 pounds of butter fat.

The new champion has added 250 pounds of butter fat to the former butter fat record in the senior 4-year-old class, for she supersedes Bosnian's Golden Gamboge, a cow which held this age class championship with her record of 387.15 pounds of butter fat and 8,027 pounds of milk. Fern's Lady Raleigh is, however, the 305-day champion over all ages, for the next highest record is the junior 4-year-old one of 453.63 pounds of butter fat, made by Fern's Doll, a full sister of Fern's Lady Raleigh, which was also bred by the Arkansas State Teachers' College. The 305-day mature record in this state is held by another individual in the college herd.

ARKANSAS FARM AND MARKETING BULLETIN

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LITTLE ROCK, ARKANSAS

SEPTEMBER, 1926

Arkansas State Fair October 11-16 to Be Greatest Ever Staged by Association

THE sixth annual Arkansas State Fair to be held in Little Rock this year, October 11-16, has proven to be a strong "educational magnet," if interest shown by the large number of counties making display space reservations can be taken as a reflection of the general interest of the entire state in the mammoth exposition. This year's fair is so pretentious that it would take a genius to select the true outstanding feature, for the magnitude of the exposition is hardly estimable. Increases are most conspicuous throughout the entire program, and with the elaborate production of "The Awakening of Arkansas," the state's most historical event, fairs of the past can hardly be referred to in the same breath.

Never before in the history of the Arkansas State Fair has prospects been as bright as they are at present. Counties which have heretofore failed to realize that there was such an exhibit as the State Fair are now clamoring for recognition as an exhibitor at the 1926 exposition. This eagerness is none other than a pure demonstration of the fact that Arkansas has awakened in other than in pageant form and that the entire commercial and industrial state has at last placed the official "O. K." on the fair as a great educational and amusement institution.

Premium awards offered by the Fair in its various departments will reach a total exceeding \$30,000. This entire amount is awarded by the Fair Association without the aid of an outside contributor. There are in addition to this huge amount of cash premiums many cash specials, cups, medals and other awards offered in the various departments, by interested associations, clubs and individuals.

The premium fund this year is divided as follows: Mules, jacks and jennets, \$630; beef cattle, \$3,914; dairy cattle, \$2,256; goats, \$459; sheep, \$999; swine, \$2,761; poultry, \$3,500; apiary, \$264; agriculture, \$2,976; horticulture, \$738; floriculture, \$177; boys' and girls club work, \$2,000; women's work, \$491.75; fine arts, \$200; historical department, \$176; Boy Scout department, \$87; amateur musicians, \$500; old fiddlers' contest, \$75; horse shoe tournament, \$132.50; bird house contest, \$40, and negro department, \$1,140.

Specials in cattle departments are offered by the American Shorthorn Breeders Association, American Hereford Cattle Breeders' Association and the Holstein-Friesian Association of America; in the swine classes specials have been offered

by the National Spotted Poland China Record, the National Duroc Record Association, the American Poland China Record and the Hampshire Swine Record.

This year's entertainment program will be varied and should contain the class of amusements which would thrill the most rabid cynic.

"The Awakening of Arkansas," the spectacular historical pageant is in reality. This elaborate production will depict the development of our state from a crude and wild territory infested with Indian savages to its present rank in the Union and the state's promise of further development. The construction of the mammoth stage in front of the Fair grandstand is now under way, and rehearsals are being held by many of the 500 principals who will take more or less a prominent part in the spectacle.

The two principal figures have been selected and are now enacting their parts in private. The identity of these leading figures, the queen, who will represent "Arkansas," and the interpreter, who will represent the "Spirit of Progress," will be kept a secret until the night of the "grand opening," October 11. Both are well known in club and social life and will typify all that is best in the tradition and history of the state.

The method of selection of the two leading characters is said to be a secret ballot of the Board of Directors of the Fair Association, the results of the balloting is yet unknown to those who had the privilege of a vote, and even these fair officials will be kept in the dark until the disclosure is made to the public.

Co-operation has been received by all the local and state civic clubs in the selection of talent for the production. The music and dancing teachers from many sections of the state were responsible for the hundreds of sweet voices and excellent dancing talent now practicing for the chorus and ballet.

The queens of the various festivals that have been held throughout the state are well represented in the pageant, as most of these beautiful girls have accepted the invitation of the Fair Association to join the cast. The queen of the Northwest Arkansas Apple Blossom Festival, the Strawberry Festival, the Grape Festival at Altus, the Watermelon Festival at Hope, Queen Petrolia at El Dorado, and many queens of Eastern Arkansas to represent the production of rice, cotton, peaches, etc., are among the beauties in the different episodes.

Military will play a part in the production. Several troops of Boy Scouts

and one or two companies of State Guards are being trained for these sketches.

The entire staging of this mammoth production is under the supervision of professional talent. These instructors are of the highest order, they are recognized authorities in their respective lines and are personally conducting the many rehearsals. They will remain in direct charge of the pageant until the final curtain is wrung down and the "Awakening of Arkansas" has become history.

The Fair Association is greatly indebted to President L. W. Baldwin of the Missouri Pacific Railway and several other officials for their physical and financial aid in assisting in the staging of this spectacle. It was through the efforts and personal interest of Mr. Baldwin that the many gorgeous costumes, stage setting and lighting equipment recently used in the road's pageant, "Service—a Pageant of Progress," was loaned the local association. These concrete aids are instrumental in making the local production a great success.

Besides the great pageant there will be other amusement galore. There will be the celebrated Ernie Young's Revue, featuring a galaxy of beautiful and shapely chorus girls. These pretty, graceful, silvery tongued girls are highly trained and execute more difficult dancing scenes in more gorgeous costumes and before more lavish scenery than any show now making the Fair circuit; the Lomas Troupe of England's supreme pantomimists; the Six Hassans, spectacular tumblers; Red Sublette, the internationally known cowboy clown; the Bacardie Trio, which causes shocks and shivers in perilous clowning pranks, and the Four Lorenzos, who defy all laws of gravitation in their breath-stealing balancing stunts 110 feet above the heads of the crowds.

Music is paramount at every Fair, and the Arkansas State Fair will have oodles and garbs of music. The great McKenzie Scotch Highlander band, the original Hickville Rube musical organization and many local and state bands have been contracted. On the Fairway will be found this year the Ruben and Cherry Shows, a combination of 24 individual shows. So thorough is this organization in amusements that they have won the nom de plum of "The Aristocrats of the Tented World."

Fair-goers who are suffering with the speed craze should more than be satisfied at the Fair. The speed committee of this organization has arranged a quadruple program of speed events which will consist of horse racing, both harness

FAIR TIME IS HERE.

BY W. J. JERNIGAN.

IN speaking of autumn, one of our poets said: "The melancholy days are come, the saddest of the year, of wailing winds and naked woods and meadows brown and sear," etc. Well, they are not quite here, but they soon will be, but, if they were or when they come, I can't quite agree with the poet that they are the saddest of the year. True, death, in the plant kingdom, is apparent everywhere, but harvest time is also here and harvest time should be a happy time, and one of the things that can and should make harvest time a happy time is our community and county fairs. Yes! Fair time is here. A time when the people of the community can assemble the products of their own year's labor and thereby learn from each other by comparing results and by associating with each other. One of the chief ways people have of gaining knowledge is by comparison, and the Agricultural Fair is one of the best places for farming people to make comparison in agricultural production.

Agricultural Fairs are, then, educational in that they give each person an opportunity to study at first-hand the results obtained by others in doing things that are of common interest. The man who produces the best ten ears of corn, the best bale of hay, the best bushel of potatoes, or the best pig in the community or county and who does so under conditions common to all in the community has obtained knowledge in doing these common things that would be profitable to others in his community. This knowledge can be obtained at Agricultural Fairs by associating with each other and especially by seeing the various products judged, and hearing the explanations given by the judges of why this thing or that thing is of better quality than the other. This means, then, that

(Continued on Page Two.)

and running; whippet events between the fastest hounds in the country, and the usual death-defying auto race drivers.

"No doubt this year's fair and amusement program far eclipse anything ever before attempted by a Southern Fair Association and if we are fortunate in securing good weather during the "second week of October" the 1926 exposition will break all records for Arkansas Fairs," E. G. Bylander, fair secretary-manager, recently stated.

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by

W. N. WILKES

Commissioner of

**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.

IMPORTANT—Space permitting, ads will be published in one issue without charge.

FAIR TIME IS HERE.

(Continued from Page One.)

all judging at community and county agricultural fairs should be done publicly where the judges can explain to the exhibitors their reasons for placing one article above another, why this product got a blue ribbon and why another one by the side of it got no ribbon. The old method of the judge going in alone and placing here a blue ribbon, there a red ribbon, and somewhere else another kind, and still somewhere else not placing any ribbons at all and then going away without explaining to the audience generally and especially to the exhibitors, why such placing is all wrong. It kills interest in exhibitors; it kills fairs and does away with the excellent opportunity of making the fair one of the most practical and effective ways of gaining valuable information in the production of agricultural products. But when the judging is done in the presence of those making the exhibits and the reasons explained for all placings, then the fair becomes what it should be—educational.

Agricultural fairs, however, are more than educational. They have a recreational and social value and especially do we emphasize the social value.

The man who lives unto himself is likely to become narrow and selfish and even pessimistic to the extent that he thinks he is not getting a square deal in this world. But the man who associates with his fellow man will soon learn that the difficulties and obstacles that confront him almost daily are common to his neighbor and to his neighbor's neighbor and that what helped his neighbor to overcome them will also help him.

He will learn, in other words, that man is a social being by nature and that any movement that has for its purpose the uplifting of humanity and that brings together large groups of people on a common footing is a good thing for his community. Such a thing is the community and county agricultural fair and every wide-awake community can and should make it one of the big annual events.

WHY CANNING IS NECESSARY.

By P. P. Parsons.

While demonstrating the home canning of fruits and meats at the Hatfield Fair, recently, the writer found that a great many persons canning foods did not fully realize the underlying principle, therefore had very poor success in their efforts. Hence this article.

It is probable that in the Edenic era, before man was made to work, that the earth brought forth abundantly of everything needed for that present day. Only sufficient, and no surplus. Prior to that period, great forests sprang up rapidly and was reduced to pulp by the intense heat, and formed our present coal beds. But when the great heat period had passed, and vegetation and animal life still continued to thrive, it became apparent that some means of disposition must be utilized to dispose of the surplus.

Let us imagine for a moment that all animals and plants, when their life was ended, would remain intact, timbers remaining in their natural state, animals drying up as in the semi-arid regions of the western states.

The whole face of the earth would be littered with them. To prepare a field one would be compelled to remove an almost inconceivable amount of timber. And the old dry carcasses of animals dead

hundreds of years, would be driven before the wind to meet you at any turn in the road. Very inconvenient, you say. Therefore, Nature conceived a plan to dispose of its unneeded products. Fermentation in the vegetable kingdom, and putrefaction in the animal kingdom. When the plant life is cut off, by natural or other means, the sap—animal blood—ceases to flow through the veins, stagnation takes place, the small plants known as yeast germs develop, and cause fermentation, and consequent decay. The vegetable is reduced once more to the mother earth to enrich the soil, and at the same time is removed and no more cumber the ground.

In the dead animal tissue a similar change takes place, and animal microorganisms develop, and disintegration or decay takes place.

Hence, we see that while Nature supplies us with food, she also deprives us of it. To preserve life through the dormant or non-producing season, we must resort to some means by which we may be able to preserve food until it comes again. We must find means to forestall Nature. The oldest means was drying, and through the succeeding ages we have gradually developed our present process of canning. Therefore, to be successful, we must use means to destroy the tools that Nature uses. A process of refrigeration will answer, but it is cumbersome and impractical. Therefore we must use the other extreme, heat.

The most convenient form of applying the heat is by cooking. It is believed that the yeast germ is always present in all vegetable matter, but it requires a lower degree of heat to destroy it before it becomes active. When it has become active, as in decaying fruit or meats, it is much more difficult to destroy, and while we may be able to destroy it, yet the product that has partially decayed will spoil all other sound products that comes in contact with it. Therefore, use only sound fruit, meats and vegetables. The "sound" half of a rotten tomato will spoil the whole can.

It is not the province of this article to give the rules for canning. All these can be had from the U. S. Department of Agriculture. But take notice. When the rule says cook for a certain length of time, you place cans in boiling water, but do not begin to count time then, but wait until water begins to boil once more. It will not boil until contents of cans are at 212 degrees in the center of the mass. Undercooking is the great stumbling-stone in canning.

COMMUNITY FAIRS IN ARKANSAS

By E. B. Matthew.

In the development of a rural community the community fair fills a unique and an important place. It is educative, stimulating, and promotes community spirit and fosters co-operation. The difficulty usually encountered in managing a successful fair, however, is the lack of leadership. This is supplied in the Smith-Hughes schools of Arkansas. Each agricultural instructor in these schools is expected to arrange for a harvest festival at some time where the best products of the community can be on display and where the citizens of the rural community can have an opportunity to express themselves along lines of economic and social life.

A typical example of the plan for organizing and conducting a community fair may be found in the Oil Trough community of Independence County, Arkansas. The name, Oil Trough, is not the result of the discovery of petroleum, for so far as known, it is a unique locality in that to date no prospective wells have been sunk. The name dates back to the time when hunters of wild game came up the White River, killed bears, rendered the oil, and floated the product down the river in crude barges made from hewn logs. Since that time the timber has been cleared and at this particular place along the White River there may be found some of the finest farm land in the State of Arkansas.

Mr. E. Y. Fitch, the agricultural instructor, in explaining how the Oil Trough fair was conducted, says:

"The festival was organized during the month of September, 1924. In order to secure a working force, a meeting was called for the purpose of organizing a School Improvement Association which, in turn, it was planned, would put over the community festival proposition. Several bankers, the county agents, and the Secretary of the Chamber of Commerce from Batesville, the county seat, were present. The School Improvement Association was organized and the fair proposition was put before the body, but no

definite action was taken at this time. At the next meeting committees were appointed by the president who was automatically made president of the fair. Committees were appointed for each of the fair departments. One man, one woman, and one Smith-Hughes boy or home economics girl were appointed on each of these committees. The agriculture instructor was the only person in the community who had had experience with fairs. However, everything worked smoothly, as the co-operation was almost 100 per cent. The crowd was estimated at 1,500 and a more enthusiastic bunch was never seen.

"Some of the features of the day program were the exhibits which were equal in many respects to the county fair, lectures on farm topics by noted agriculturists, inspection of the cotton variety and fertilizer tests in the community. The entertainment features included horse races, foot races, etc. The money for premiums the first year was contributed by the banks of Newport, a nearby trade center. Since that time the fair has been self-supporting. One attraction that is never dispensed with is a barbecue dinner. People of my community look forward to the fall festival now, and it is one of the most talked of incidents of the entire educational program."

The community fair is recognized as a forward step in progressive advertising for any community, and the people of the Oil Trough community are to be congratulated upon the success this institution is acquiring.

SEED SELECTION SHOULD BE MADE THIS FALL.

By John E. Casey.

The State Seed Laboratory officials are often asked the question: "Where can I get good cotton seed this spring?" or "Where can I get good corn seed?" The same may be asked about oats, wheat, rice, barley, rye, clover, timothy, and a number of other crop seeds.

We do not consider it out of order, therefore, as State Seed Laboratory officials, to write a brief article on Seed Selection. It is an opportune time to discuss the advantages of field selection of farm crop seed, since the principal farm crops of Arkansas are just now, or will be soon, in the proper stages for field selection. If Arkansas farmers once learn the big advantage that field selection of seed will give them, the inquiry, "Where shall I get my planting seed this spring?" will become less and less general as the seasons come and go.

The crops of corn and cotton, which are the most important ones grown in Arkansas, lend themselves to field selection, and, no doubt, rice seed selection in the field could be made with more or less success. In the fall season when the stalks of cotton and corn, and rice, are mature, and the fruit is about to become full grown, then is good time for selecting the individuals in stalk and fruit from which the next season's crop is to be planted and harvested.

The best seed will be obtained from the individual plants that show vigor in both plant and fruit. A large ear of corn sometimes will be found on a small stalk and sometimes the plumpest cotton seed will be taken from a weakly-looking plant. Often times, however, a good ear of corn will be found on a full-sized stalk, vigorous and capable of maturing a full-grown ear of well-developed kernels. Also, cotton stalks a-plenty can be found in the field which have made healthy growth and are full of bolls, and carry sufficient plant food to mature the seed into vigorous, germinable seed that can hardly be surpassed for planting stocks next spring.

In order to make field selection thorough and make them so that there will be no doubt as to the individual plants that have been picked, it is necessary to mark the plants selected in a way that after the crop is mature and perhaps when the plants themselves have lost their appearance of having been healthy, vigorous individuals, it will be no trouble to identify the plants previously chosen as seed stock plants. The farmer should walk through the field as if he were plowing, hoeing or gathering the crop, except that he could "take" more rows than if he were hoeing or gathering the crop. The plants from which the crop is to be saved for seed can be marked with a piece of string tied around the stalk at the ear, if the crop is corn, or a tag with wire attached could be used. This can be determined upon by the farmer himself—he can use anything that will distinguish the marked individual and at the same time weather the rain and other climatic conditions that will intervene between now and the time the seed is to be gathered.

It would seem unnecessary to state that at harvest time the weather should be clear and dry so that the seed gathered would be as free of moisture as it is pos-

sible to have seed at gathering time. However, we in the State Seed Laboratory know that there is a very large per cent of the crops that are grown in the state, harvested when the seed is so wet that all the storage facilities they get afterward do not prevent the attack of disease and decay. Samples of seed are received in the laboratory that need only be looked at to tell that they are worthless for planting purposes. Certainly there are seasons of wet weather that continue so indefinitely, it seems, that the crops must be harvested whether the seed is dry or not. But as much as is possible to do so, seed should be gathered when dry and then stored in a dry place where they can also be aired out well. Hanging long strings of corn in a dry, well-ventilated granary or other store room on the farm will insure well conditioned seed for planting the following spring.

The cotton fiber from the plants selected for seed should be ginned separate from the remainder of the field. That is, the rest of the field should be picked and ginned, the gin cleaned thoroughly so that there are no remains of other cotton seed, and the seed selected plants then stripped of the cotton and ginned. The seed then can be stored, provided the cotton has been picked under favorable weather conditions. Otherwise, steps must be taken at once to dry out the seed and then store in dry quarters.

Cotton seed that has been field selected, picked under favorable weather conditions and stored during the fall and winter months so that they have kept dry—not enough moisture to cause decay—can generally be relied upon to come up next spring when planted. A good stand can be expected from seed that has been selected in this manner. At the usual rate of seeding, a 100 per cent stand can be obtained and a 100 per cent crop harvested, granting that all other factors of production have been as good as the factor of seed.

This is true of every other crop grown in Arkansas. In the small grains and the grasses and clovers, however, the question of cleaning is a factor of seed production that often deters Arkansas farmers from saving their own seed. This is especially true of the grasses and the clovers. It may be well for a farmer to buy his supply of these small-seeded crops, since the investment in cleaning machinery would not justify the home-saving of small amounts of these crops. But whether the crop is cotton, corn, rice, oats, barley, timothy, orchard grass, or something else, the "long-headed" farmer in the future will have a germination test of his seed made before he plants an entire field or plantation to seed whose germinating power is unknown.

The State Seed Laboratory is a part of the Bureau of Mines, Manufactures and Agriculture. It is supported by appropriations out of the general revenue fund, and by the Arkansas Experiment Station co-operating. The station has equipped the Arkansas Seed Laboratory so that it ranks second to none in the mid-southern states. Farmers of Arkansas can send samples of their farm crop seed to this laboratory, which is located at Fayetteville, and get a complete analysis made of their seed. They are encouraged to send their seed. The analysis costs nothing except in a few instances where mercantile firms might want to over-run the laboratory with a large number of samples. The service is free and our farmers should take advantage of this service which ultimately will benefit the entire farming public of the state.

Field selection of planting stocks probably belongs to another department of agricultural activity, yet the State Seed Laboratory is so closely connected with the agricultural progress of the state and so vitally interested in the matter of clean, viable planting seed that we want to do our bit toward helping solve the problem of obtaining a higher grade of planting seed for the farmers of Arkansas. We urge every farmer who reads to also "run," and try field selection of planting seeds. The improvement in production will be so evident that field selection in the future will take care of its own self.

Arrange Now
To Attend
the
**ARKANSAS STATE
FAIR**
October 11 to 16

IDLE LANDS OR TIMBERED LANDS—WHICH?

By W. K. Williams.

Arkansas has unconsciously but consistently followed the policy of exhausting her timber lands without taking the necessary action to secure another crop of timber on these cut-over lands which, in the most part, are particularly suitable for the growing of pine and hardwood timber. This practice of cutting without replenishing has produced more than 10,000,000 acres of idle land in Arkansas. These lands are growing only a small fraction of the raw materials which they are capable of producing. Over a large part of the state they remain uncared for and indeed are being depleted yearly through forest fires and careless cutting. We are face to face with the proposition of either taking steps for growing other forests or suffering the consequences of timber shortage and hence the emigration of our wood-using industries.

The question arises: What can we do? The problem before us today calls for state forestry legislation. The Federal government has already led the way through a National forest policy known as the Clarke-McNary Act. Through this federal law the national government stands ready to co-operate financially with Arkansas or any other state in the protection of her timber resources. However, Arkansas cannot now avail herself of this assistance because of her failure to comply with the necessary requirements. We need a State Forestry Law providing for a Forestry Department and Federal co-operation. With this done the state can inaugurate proper policies of fire prevention and timber land taxation which will enable the timber land owner to grow trees as profitably as other crops. It would create a business which every timber land owner could take part in. Intelligent taxation is nearly as important as fire protection. It is apparent that lands from which a crop is harvested every 20 to 40 years cannot stand the same system of taxation that is applied to lands from which crops are harvested annually. Eleven of the states have recognized this and have substituted a deferred or yield tax on the timber, payable when the timber is cut. This system of taxation is generally recognized with favor by the state and timber land owners. Similar systems of forest taxation exist in forested countries in Europe. Such a method of taxation should be applied to all large holdings of timberlands, and also, to farm woodlands. There are areas on every farm which can be more profitably used for the growing of trees than for any other purpose. With encouragement by the state through adjustment of taxes on these woodland areas, the farmer can afford to grow timber for farm use and some to sell. The farmers of Arkansas own approximately 9,000,000 acres or one-third of the timber lands in the state. From these lands in 1919 the farmers sold eight million dollars' worth of timber products, or an average of \$250 per farm. It is apparent that the earning capacity of the farm woodland is an important item to the farmer, the wood-using industry and the state. Proper encouragement in forest protection and taxation will encourage the farmer to set apart a portion of his farm for timber growing. It has been said by government foresters that 20 acres on an 80-acre farm is sufficient acreage to produce fuel wood year after year for farm use without impairing the production of timber on the same land. This helps to solve the fuel and timber problem on the farm, but it does not extend him financial help which is necessary for him to have to grow trees at a real profit. Adjustment of taxation on woodlands and combined Federal and state co-operation in fire protection are vitally necessary.

Arkansas although rapidly approaching the end of her virgin timber cut, has sufficient resources to enter into a constructive forestry program. Other states have seen the light, and with timber land resources much inferior to our own, have entered actively into the rehabilitation of their depleted timber lands. Thirty-six states have forestry departments or corresponding agencies, and are co-operating with the Federal government through the Clarke-McNary Forestry Act. Arkansas has been favored with timber growing conditions which are superior to those existing in any of the Eastern or Southern states. We have rapidly growing timber species, and a long, warm growing season with a beautiful supply of moisture and sunshine. A great opportunity is ours in the development of a still greater Arkansas. The strong arm of the Federal government is outstretched ready with the financial assistance which will pro-

FARMERS EXCHANGE

POULTRY AND EGGS.

S. C. RHODE ISLAND REDS—Cockerels, February hatch, \$1 each. Also one 3-year-old rooster, \$2. Mrs. S. A. Hale, Caledonia, Ark.

S. C. BLACK MINORCAS—Hens, pure bred, young and healthy, price \$1 each. Mrs. C. P. Hicks, R. R. 1, Box 34, Beebe, Ark.

WHITE PEKIN DUCKS—Three, 50c ea. Seven Mammoth Pekin and Buff Orpington ducks, mixed, 85c each. One pure bred B. O. duck, \$1.50. Jessie F. Milner, Route 1, Box 52, Blevins, Ark.

AMERICAN WHITE LEGHORN pullets and hens, 60c to \$1 each. M. M. McCall, Bradford, Ark.

BLUE ORPINGTONS—Blue Andalusians, Buff Plymouth Rocks, Mammoth Light Brahmas, for sale; cockerels \$1.25 each, or two for \$2. Mrs. Nina Ayotte, Box 900, St. Francis, Ark.

BROWN ORPINGTON DUCKS—For sale, pair \$1.25, Pekin ducks, half grown, 75c each or three for \$2.00, if ordered at once. Mrs. M. C. Milner, Box 52, Route 1, Blevins, Ark.

SHEPPARD STRAIN ANCONAS — Per setting, \$1.00 to \$4.00. Ralph Bishop, Caledonia, Ark.

BARRED PLYMOUTH ROCK—Cockerels. W. D. Holterman strain, \$2 each. Virie Young, Waldron, Ark.

BUFF ORPINGTON DUCKS—Also White Pekin and drakes mixed. Price 90c each for the seven, or three for \$1 each. Pekins, \$2.25 for three. Leighton Carman, Route 1, Box 52, Blevins, Ark.

ARISTOCRAT BARRED ROCKS — For sale, 4-months-old pullets and cockerels. Pullets \$1.50 each, cockerels \$1.25 each. Mrs. Hattie Norton, Adona, Ark.

BIG BONE BLACK LEGHORNS—Good laying strain. Cockerels \$3 to \$5 each. Eggs per setting, \$1.50. Mrs. Otis Dawson, Kittles, Ark.

INQUIRIES

Wants to buy small farm in Arkansas for permanent home. Good level soil with plenty of water and must be close to Fort Smith. Would like to get in touch with some one soon who has property for sale in that locality. J. T. Chiles, Columbia, Tenn.

C. E. Scherr, Guernsey, Wyo., wants to buy small tract of land to raise poultry in the Ozarks, seeking general information as to highway facilities, markets, etc.

W. H. Weeks, Coaldale, Colo., desires information regarding the cheap lands in the Ozarks. Wants small home so as to raise chickens, sheep, hogs. Desire to be five or six miles from good railroad town.

J. F. Barbee, Monticello, Ark., wants a stock farm near a county seat in a tick-free country, where an up-to-date fair is held each fall or where an association can be organized to hold one.

B. J. Bruce, Capps, Ark., wants to rent or lease for five years or more a good farm for general farming and stock raising, near good school and Baptist church. Has a large family. Prefers Marlon or Baxter counties.

D. C. Davis, Pangburn, Ark. Wanted, several families to share crop. Also a good man to run a blacksmith shop.

J. O. Nolen, Waterloo, Ala., desires small farm for dairy, about five or ten acres, with good house, barn, and water. Please quote price and terms. Must be close to good town with good schools.

Richard H. Moeller, Box 512, Cheyenne Wells, Colo., seeks general information regarding the Ozark region. Wants to move to Arkansas and do general farming.

Southern Immigration & Ind. Association, 309 South La Salle St., Chicago, Ill., wants to buy 2,000 acres high grade cut-over land suitable for corn raising.

vide adequate assistance in the reforestation of Arkansas' timber lands.

It is to be hoped that in the next session of our state legislature our Arkansas representatives will see the wisdom of the immediate adoption of forestry legislation. By this act our honorable representatives will encourage the land owner to put idle lands to work growing trees and hence save for the people the timber resources which have been the basis of Arkansas' great prosperity.

TOWN PROPERTY FOR SALE.

FOR RENT—Garage fully equipped and filling station; if interested, write Holton Lumber Company, Knobel, Ark.

FOR SALE—Four-room house with two lots, only \$200.00 cash. Located in northeast Arkansas. Would exchange for small truck patch with good soil, on some highway. R. A. Ayotte, Box 900, St. Francis, Ark.

FOR SALE OR TRADE—Brick hotel doing good business. Will trade for good farm. Write Preston Price, Clarendon, Ark.

14 LOTS—Three-room house, good cellar, small barn, chicken yards and house. Young orchard. Large flock of Barred Rock chickens, five bee hives, good horse, cow, farm tools, truck, included. If sold at once will take \$1,500. T. J. Seay, Summit, Ark.

FOUR-ROOM HOUSE—In Independence, Ark., with one and three-fourth acres of land. Small young orchard, close to school. K. E. Pennington, Union Hill, Ark.

FOUR ACRES OF LAND—With 8-room house in town of Grannis, priced to sell, \$750.00, cash payment \$250.00, balance terms. Mrs. A. D. Hilton, Kirby, Ark.

STOCK OF GENERAL MERCHANDISE —For sale, will invoice around \$4,000, good frame building, new barn, good wire room, new gas filling station leased from Magnolia Petroleum Co. Also 160 acres good land, good improvements, close to schools and churches. Ill health reason for selling. T. J. Evans, Enders, Ark.

FOR RENT—Garage and filling station, with or without tools. Established two years; good trade worked up. If interested write Holton Lumber Co., Knobel, Ark.

LIVESTOCK FOR SALE AND EXCHANGE.

WANTED—A fullblood Jersey cow or heifer. Would like to buy two if prices are reasonable. H. F. Palmer, Leslie, Ark.

WANTS TO BUY—Thorough-bred Hampshire hogs; please quote price. John Hurst, Yellville, Ark.

FOR SALE OR TRADE—Two full-blood bucks. One 4-year-old Saanan, weight about 200 pounds; one Toggenburg five months old, weight 75 pounds. Both hornless. A. J. Honeycutt, Route 1, Box 22, Eigelow, Ark.

FOR SALE—Hampshire hogs, one boar 1 year old; pigs 3 and 4 months old; male pigs for sale only. F. P. Owens, R. F. D. 2, Bingen, Ark.

FOR SALE—Tried bred Duroc Jersey sow, also weanling Hampshire pigs. Sow \$10, boars \$8 each. All stock full blood. L. W. Owens, Bingen, Ark.

WANTED—Several carloads of hogs, will buy from the farmer only. Will pay market prices. L. B. Fulmer, Springfield, S. C.

GOATS—For Sale, two nannies and high grade billies. Johnson Bros., Mayfield, Ark.

WANTED TO BUY—One carload Jersey calves. Pure bred only. Henry L. Cochran, Ratcliff, Ark.

JERSEY BULL FOR SALE—Out of Ferns Doll, No. 518547, state champion 4-year-old. Full sister to Ferns Lady Raleigh gold and silver cow of A. T. College, and by register of merit sire Europa Ferns Nobleman No. 160724. Henry Erbach, Conway, Ark.

DUROC-JERSEYS — Young open gilts, weight about 150 lbs., \$22.50 each. Extra quality bred gilts will farrow in September, weight around 250 lbs. Service boars, pedigrees furnished with each hog, and priced reasonable. Plain-View Stock Farm, Marmaduke, Ark.

WANT TO EXCHANGE—Registered Jersey male calf and 2-year-old Shropshire buck sheep, to keep from in-breeding. Nothing but registered stock of same strains will be considered. Plain-View Stock Farm, Marmaduke, Ark.

ONE SAANON MILK GOAT—Pedigreed male, 6 months old. Price \$20. M. M. McCall, Bradford, Ark.

FOR SALE—85-pound pig, born with no feet; all off at first joint. In good condition. For price write E. D. Jones, Wharton, Ark.

EIGHT HEAD OF HORSES—Would like to trade as part payment on a small home in northwest Arkansas. Geo. W. Bishop, Box 112, Lothair, Mont.

SEVEN MILK GOATS—Naturally hornless, perfect Toggenburg color, four to six months old does. Also one registered Toggenburg doe bred to freshen in Sep-

tember. Felix E. Harmon, Dardanelle, Ark.

FINE HEREFORD BULL — For Sale: good pedigree and breeder. For further information write Lum Anderson, R. F. D. 3, Green Forest, Ark.

TOGGENBURG MILK GOATS—Shetland ponies, trotting and saddle horses cheap to close out. Barbee Stock Farm, Monticello, Ark.

WANTED—Some one to furnish sheep to raise for half the increase. I have 320 acres of land with good pastures and free range. J. S. Faubus, Box 21, Combs, Ark.

HEREFORD MALE for sale; good breeder. For further information write Lum Anderson, R. F. D. 3, Green Forest, Ark.

WANTED—Two buck lambs, must be full-blood and reasonable price. Shropshire breed. D. O. Friend, Route 2, Bonnerdale, Ark.

ANGORA BUCKS — High grade, from spring lambs; 3-year-olds, \$5 to \$15 each. Murrell Johnson, Lonoke, Ark.

WANTED—A good gentle Shetland pony mare, weight about 100 or 150 lbs. Please quote price. James Wortham, Letona, Ark.

FIELD SEED FOR SALE.

SEED OATS—Ferguson No. 71 strain of Texas Red Rust-proof. Clean high-test seed. Eighty cents per bushel f. o. b. Hazen. Jackson Crouch, Hazen, Ark.

SEED WHEAT AND RYE—Thoroughly acclimated, clean, sound 1926 crop; \$2 per bushel f. o. b. Hazen, Ark. Jackson Crouch, Hazen, Ark.

BURR CLOVER SEED WANTED—Send us sample and quotations on Arkansas grown burr clover seed. Ferguson Seed Farms, Inc., Sherman, Texas.

BURR CLOVER SEED FOR SALE—1,000 bushels. Tom Trigg, Dermott, Ark.

ABRUZZI RYE—For sale, 40 bushels, grown from best registered seed stock in state. Free from cheat, weeds and other mixtures; \$2 per bushel at bins, \$2.50 sacked and delivered at station. Roy Robinson, Washington county, West Fork, Ark.

WANTED TO BUY—Good smooth wheat seed. G. W. Clark, Box 12, Van, Ark.

SEED OATS—Winter turf oats, limited quantity; order at once; \$1.50 per bushel. Also pure-bred Appler oats, this is a fine oat and recommended highly for fall seeding. Price \$1.00 per bushel. Geo. Boeger, Waldron, Ark.

FOR SALE—White peas with brown eyes for table use. Eight and one-half cents per pound, 1926 crop. F. P. Owens, Bingen, Ark.

WILLBURY DAFFODILS and Narcissus bulbs, in any quantities, 5 cents per pound, or will exchange three Oleanders, eight feet tall, well branched, value \$15, for anything of equal value. H. E. Evershed, Route 3, Malvern, Ark.

MISCELLANEOUS.

HOME AND FARM CONVENIENCE—Westinghouse light and power plant. Duro pumps, Radiolas. Southern Radio Supply Co., Junction City, Ark.

WANTED—Going to organize a canning factory and need the services of an experienced man to promote its operation. Capital can be subscribed here. Write for particulars, etc. W. W. Shaver, Wynne, Ark.

FOR PURE BEE HONEY—Address Holton Lumber Co., Knobel, Ark.

AIREDALE PUP—Full blood, 10 months old, tan color; price \$6. M. M. McCall, Bradford, Ark.

WANTED—To care for small children on farm near town. Might consider caring for aged person. Two adults in family; references furnished. Box 14, Gillham, Ark.

TWO HOUND DOGS—One male and one female; \$3 each. K. E. Pennington, Union Hill, Ark.

WANTED—All kinds of roots and herbs. Write for complete price list and instructions for collecting. Wm. J. Craven, Bristol, Va.

FOR SALE—Or trade, one studio camera and large 44 lense, also one Anthony view camera and lens. Price \$25. Wm. E. Dunn, Cross Roads, Ark.

RECIPE—Guaranteed to stop perspiration; for further information write Mrs. Sarah Kesler, Pottsville, Ark.

DAIRY FOR SALE—Milk route and all equipment; 14 cows, one bull, 17 helpers and heifer calves. Bottled milk, cream and chocolate milk only. Sales \$2,500 yearly. All letters answered. Price \$2,500. J. H. Miller, Lonoke, Ark.

TRACTOR FOR SALE OR EXCHANGE —8-16 Rock Island Hinder tractor, friction drive, with two bottom 12-inch plows attached, and a 7-foot tandem David Bradley disc; been used; will sell the outfit in good running order f. o. b. Brink-

ley, \$500.00, or will exchange for a new one-ton Ford truck with cab and body, factory style, f. o. b. Brinkley. A real bargain. J. R. Vineyard, Route 1, Box 66, Brinkley, Ark.

FORMULAS—To make hens lay, to make all kinds of jelly, without fruit; to make honey like bee honey, to make fish bite, to keep eggs fresh a year, to make good vinegar in a few minutes. All for \$1. Geo. F. White, Solgohachia, Ark.

EXPERIENCED FARMER—Wants to rent a farm with everything furnished. Will give good references. Lonso Inman, Wharton, Ark.

FOR SALE OR TRADE—One-ton Ford truck, will trade for two milk cows. Amie Jones, Lefe, Ark.

20 H. P. STEAM TRACTOR—Just the thing for a tie mill, will trade for a good truck or 40 acres of land. E. A. Burlison, R. F. D. 2, Carlisle, Ark.

ONE HOUND DOG—16 months' old and one tree dog for sale or trade. Color black and tan; well trained. Price \$25. Ira B. Ransom, Denmark, Ark.

FOR SALE—1917 Ford truck, one Letz Dixie mill, shredder, feed cutter with necessary belts, attachments, etc. For power from truck; slightly used. Write for particulars. A bargain. J. P. Baker, Monticello, Ark.

PURE CLOVER HONEY—15 cents per pound. Sample 15 cents. Holton Lbr. Co., Knobel, Ark.

FARMS FOR SALE AND EXCHANGE.

40-ACRE OZARK FARM FOR SALE—Wonderful hunting and fishing. Selling on account of sickness. For particulars write Mrs. Kate Wallraff, Brewer, Ark.

160 ACRES WELL IMPROVED FARM—In the Ozarks; 30 acres in cultivation, 60 young peach trees, 3-room house, two barns, chicken house and other outbuildings. Located six miles from Kingston, Ark., three miles to Boxley, Ark. Price \$800. McClellan Wright, R. F. D. 1, Frederick, Colo.

FOR SALE—All or part of 160 acres, 20 acres in cultivation, balance in timber. Four and half miles from Williford on State Highway. Emile Roth, Williford, Ark.

160-ACRE UNIMPROVED FARM FOR SALE—Some good timber, about 40 acres tillable land. One mile from Boxley, Ark. Price \$500, or will trade for smaller tract, but must be in northwest Arkansas. McClellan Wright, R. F. D. 1, Frederick, Colo.

FOR SALE—One acre in suburbs of Cane Hill, Ark.; 4-room house, fair outbuildings, one-half mile to school. Young orchard. Quick sale, \$500. L. F. Shumate, Cane Hill, Ark.

\$850 EQUITY in 40 acres, good improvements, 15 acres in timber, one mile from State Highway. Will sell or trade for smaller place near Fayetteville. A. D. Harper, Route 1, Box 73A, Mt. View, Mo.

120 ACRES—40 in cultivation and more, all fenced. Frame house and other outbuildings; small orchard; price \$850 cash, or \$950 on time. R. Birch, Snowball, Ark.

120 ACRES, A REAL BARGAIN—40 acres in cultivation, all fenced, small orchard, frame house and other outbuildings. Good land. Price \$850 cash, \$950 on time. Good terms. R. Birch, Snowball, Ark.

LEAD AND ZINC—Land can be bought cheap. Owners do not know the value of this land; what is it worth to you to know where this land is located? I know where it is. Enclose stamp for reply. T. F. Johnson, Route 1, Brewer, Ark.

71 ACRES FOR SALE—35 acres in cultivation, balance hardwood timber. Four-room house, double log barn; all level land. Three-quarters mile to good school. If interested write J. R. Ricks, R. F. D. 4, Carlisle, Ark.

THREE WELL IMPROVED FARMS FOR SALE—One 160 acres, 105 acres and one 240 acres; all three farms are close to schools and churches, on good highway now under construction. For particulars and prices write J. B. Wilson, Copeland, Ark.

80 ACRES—65 acres in cultivation, three acres in meadow, about 100 peach and apple trees, 25 acres fresh land, fine crop this year. Good buildings, close to school and church. Price \$1,800. C. E. Reed, Scotland, Ark.

80 ACRES FOR SALE—Or Trade for for smaller place, 30 acres in cultivation, balance in timber and pasture, two-room house, large barn and good outbuildings; close to school and church. E. E. Shaffer, R. F. D. 4, Harrison, Ark.

LAND FOR SALE—From 10 acres up, close to schools and churches, on State Highway. A real bargain. C. W. Dawson, Smithville, Ark.

80 ACRES FOR SALE—10 acres in fruit of all varieties; 6-room house, good barn and outbuildings, plenty good water, close to school and church. A real bargain; will include stock, farming tools,

household goods, if desired. Will sell all for \$5,000 cash, or \$5.00 per acre. For particulars write Paul Droll, R. R. No. 3, Hartman, Ark.

80 ACRES—Unimproved hill land, located on State Highway, two miles south of Witts Springs; church, good schools. All can be cultivated; \$20 per acre; fine fruit and vegetable land. For further information write Mrs. Manda Fountain, Moore, Ark.

11 ACRES—23 in cultivation, good orchard, 5-room house, good barn. Close to good school and church. Also have one grist mill and engine, one blacksmith shop with complete set of tools, one-half acre land, good house and barn, located in small town. For further information please write R. L. Tice, Solgohachia, Ark.

50 ACRES IN MONTGOMERY COUNTY, one-half mile from Norman, on Mo. Pacific R. R. An ideal fruit and poultry farm. Six-room house, large barn; also a two-room tenant house. Timber enough to pay for place. For further information write Mrs. Bettie Jane Chapin, P. O. Box 321, Glenwood, Ark.

ONE ACRE IN ELM SPRINGS—In the Ozarks. Five-room house, fine water, clear title. For information and price write V. N. Hall, Hindsville, Ark.

365 ACRES—11 miles west of Little Rock, 40 acres in cultivation, located on the Joe Robinson Highway; also close to the Joe Robinson High School. An excellent place for stock farm. R. M. Rowland, Pinnacle, Ark.

40 ACRES—In the Ozark mountains, fine fishing and hunting, six miles from Edmond, two miles from Brewer, for particulars write Mrs. Kate Wallraff, Brewer, Ark.

160 ACRES FOR SALE OR TRADE for land in central or north part of Clark county; 18 acres in cultivation, balance good timber. Five-room house, good outbuildings. One half mile to school and church. Price \$7 per acre. L. D. Downs, Rich Mountain, Ark.

FOUR-ROOM HOUSE AND LOT for sale in Iowa railroad town. Also 40 acres of unimproved north Missouri land to exchange for improved Arkansas farm near railroad town; land must be smooth enough for riding machinery. Clarence Hinote, Dutton, Ark.

80 ACRES IN COLUMBIA COUNTY—Six miles west of Magnolia. Desirable community, close to church and school; 35 acres in cultivation, 15 in cotton, 8 in corn, others in hay. Will sell crop, stock and farm implements. For particulars write D. T. Nix, Route 1, Box 66, Waldo, Ark.

70 ACRES IN POLK COUNTY—30 acres in cultivation, all under good wire fence. Located on good highway, six miles of Mena. Five-room frame house, good barn, garage and poultry house. One mile from high school. This is fine location for dairy or poultry farm. Price \$2,500, \$1,500 cash, balance easy terms. S. R. Whisenhunt, Mena, Ark., R. F. D. 3.

SEVERAL FARMS FOR SALE—One in Little River county, two in Howard county. All well improved. For particulars, write Joel H. Ewing, Wickes, Ark.

67 ACRES in Craighead county. Three miles to town of 1,200, two colleges, one mile to high school; good roads. One acre Elberta peaches, one acre strawberries; 4-room house, barn, cistern; plenty of water. Priced to sell. G. C. Earod, Route 1, Box 139, Jonesboro, Ark.

WANTED—To rent good small farm near school for the year 1927, in Washington or Madison counties. Also have a good cane mill to sell or trade. Good as new. M. M. Rotramel, Sulphur Springs, Ark.

FOR SALE—Farms of various sizes and in all parts of Arkansas. Taken over on account of foreclosure. Willing to take substantial loss to turn these farms to owners who are willing to develop them. For particulars write Bankers Mortgage Co., 114 West 10th St., Kansas City, Mo.

80 ACRES—Well improved, 40 acres in cultivation, balance good timber. Large 6-room house, large barn, chicken house, and shop. Young vineyard, strawberries, peach orchard, young apples just bearing, plums, goose berries, also blackberries. Owner in poor health, must sell; needs \$100.00 for immediate expenses. Will sacrifice 50 per cent for cash. For further information please write H. O. Whiting, St. Paul, Ark.

160 ACRES—Fruit and poultry farm. Good 4-room house, cellar, barn, chicken house. Located one-half mile from school and church, three miles north of Brentwood. For immediate sale \$1,500. M. C. Howell, Route 2, Box 61-A, West Fork, Ark.

160 ACRES—Timber land, ideal for grapes and berries, near Eureka Springs. Must sell. J. W. Oliver, Scott Hotel, Fayetteville, Ark.

1,300 ACRES—In Phillips county, seven miles of Helena; 300 acres in cultivation, balance cutover; soil very productive black sandy loam. Ten tenant houses and one barn. Crops consist of cotton, corn, alfalfa, etc. Price \$40.00 per acre, terms. W. L. Stegall, 564 Main street, Jackson, Tenn.

80 ACRES improved creek bottom farm, four miles from town. Price \$800, on terms, or will trade for rental town property in northwest Arkansas. Also 80 acres, 30 acres in cultivation; good improvements; 8-room house, frame barn, out cribs, chicken house, cow barn, etc. Price \$1,200, short terms. James Wilson, Box 66, Williford, Ark.

20 ACRES—One and one-fourth miles from town of Leslie on railroad line. Good for truck farming. No improvements. Will trade for good car. W. J. Seay, Summit, Ark.

160 ACRES FOR SALE—At a sacrifice. Good land and excellent timber. Partly improved, close to town. For further information write Mrs. Dudley Conner, Box 14, Gillham, Ark.

60 ACRES—45 in cultivation, 14 woodland, 5 acres apple orchard, also grapes and peaches. Seven-room house, good barn, outbuildings, concrete cellar, one and one-fourth miles to good railroad town. Green Forest; school and churches. Ben Ferguson, R. F. D., Green Forest, Ark.

45 ACRES—One mile from Beebe on Mo. Pacific railroad. Five-room house, large barn, etc. Good improvements. Would trade; for particulars write J. W. Williams, Route 2, Beebe, Ark.

20-ACRE FRUIT AND BERRY FARM—18 acres in cultivation, 400 peach trees, 120 apple trees, one and half acres in strawberries, half acre in blackberries. Located three miles southeast of Rudy. For cash, \$1,600, or will include a pair of good mules and wagon harness and all farm implements for \$1,800. Lee Stein-siek, Rudy, Ark.

120 ACRES—Timber land, in Jefferson county; eight miles of Pine Bluff, one mile of pike road; \$10 per acre, cash. Also have 80 acres in Drew county, 40 acres in cultivation, balance timber, close to school and church. No improvements. Price \$10 per acre. J. T. Wingham, Monticello, Ark., Star Route.

160 ACRES FOR SALE OR TRADE. Good cotton land; 80 acres in tie timber, 80 acres in cultivation. Good house, barns and all necessary outbuildings. Will trade for smaller place. Price \$40 per acre, half down, balance easy terms. Mrs. Gertrude Kimpel, Batesville, Ark., General Delivery.

38 ACRES—25 acres in cultivation, two-room house, barn. Price \$450, or, for further information, write Bert Inman, Wharton, Ark.

15 ACRES—35 acres in cultivation, 10 acres in good pasture, small apple orchard, 4 acres in strawberries, four and half acres in grapes. Good 6-room house, water piped in house, beautiful lawn, large barn and good outbuildings. Good water with large water tank. On main highway, one-eighth mile to town. Price \$6,000, if bought direct from owner. A. G. May, Box 34, Avoca, Ark.

160 ACRES—One-half mile from town of Grannis, Ark. Four-room bungalow. Good place for fruit and truck farm. Priced to sell quick. \$2,000, cash payment and balance terms. Mrs. A. D. Hilton, Kirby, Ark.

80 ACRES—Two miles from railroad on Federal highway; 60 acres good red oak timber, small orchard and vineyard, house and barn; \$7 per acre, one-half cash, balance one to three years, at 8 per cent interest. Also have 158 acres, four miles from railroad small house and barn, 30 acres in cultivation, balance good timber. Price \$5 per acre. I. A. Gary, Pindall, Ark.

80 ACRES—Creek bottom land, 60 acres in cultivation, 20 in timber. Price \$3,000, one-half down, with five years to pay balance. Six per cent interest. R. B. Jones, Wynne, Ark.

230 ACRES—Well improved; 80 acres in cultivation, 50 acres in pasture, balance timber. Three sets of improvements, good orchard for family use. Will trade for place in northwestern Arkansas. H. A. Barlison, R. F. D. 2, Carlisle, Ark.

98 ACRES FOR SALE—55 acres in cultivation, balance good timber; 6-room house and good outbuildings; one acre strawberries and other fruit. One mile south of Bearden. O. W. Koontz, Bearden, Ark.

80 ACRES FOR SALE—Part in cultivation, balance in pasture and timber. Three miles to railroad town, Scranton; 4-room house, all outbuildings necessary. Land all fenced and cross-fenced. A real buy at \$3,750. Jim C. Lovelady, Scranton, Ark., R. F. D. 2.

120 ACRES FOR SALE OR EXCHANGE. 50 acres in cultivation, 3 acres clover and timothy meadow, some bottom land; rich soil; stream running through farm. Good bungalow house, two barns and other outbuildings. Nine miles from Hardy, county seat. Alvan Armstrong, Route 1, Box 15, Hardy, Ark.

72 1-2 ACRES FOR SALE—Or trade for store, hardware preferred; 40 acres in cultivation; good pasture, well watered; 3-room house, all outbuildings. Land joins school and church grounds. Good sandy loam soil. Farming implements, seven cattle, 25 hogs, two horses go, all for \$1,600. W. P. Wahle, Galena, Ark.

215 ACRES—50 acres in cultivation, balance good pasture and timber land. Three-room house, good barn and spring water. Will trade or sell. Price \$3,000. Also have 80 acres, 40 acres in cultivation, two-room house and barn. Bert Inman, Wharton, Ark.

QUARTER SECTION—Partly improved fruit and vegetable land, on public road, three miles from Gillham. Family orchard, large box house, price \$12.50 per acre. G. W. Sullivan, Route 3, DeQueen, Ark.

40 ACRES—In Pottsett county, near Truman, Ark., 35 acres in cultivation, good bottom land, all under good wire fence, 2-room house, small barn, good water. Price \$2,700, with terms. Floyd Arwood, Torrance, Cal.

FIVE ACRES in the Ozarks, one mile of State Highway, close to small town; will sell or trade for farm or city property. Emory V. Plymale, Barnes, Ark.

OZARK FARM FOR SALE—120 acres three miles south of Mt. Home, 40 acres in cultivation, 4-room house, good outbuildings. Family orchard. Priced to sell. H. L. Headley, R. F. D. 2, Mountain Home, Ark.

801-ACRE SHARP COUNTY FARM—10 acres in cultivation, balance good timber; 3 miles of R. R. Price \$1,000. Wm. E. Dunn, Cross Roads, Ark.

TWO 80-ACRE FARMS FOR SALE—located in Searcy county. Write for particulars, S. C. Drewry, Murry, Ark.

TWO FARMS FOR SALE—Good improvements on both places; close to school and church. For full particulars write Royce Greene, Wheeling, Ark.

FOR SALE OR TRADE—240-acre stock farm. Fine orchard with 300 bushels of apples on trees. Will trade for bakery or other property. George Pevler, St. Paul, Ark.

80 ACRES—Well improved land, two and half miles north of Marshall, 25 acres in cultivation, plenty good timber. Five-room house, good barn. Free range. For quick sale, \$1,600, half cash, balance terms. F. C. Brown, Marshall, Ark.

20 ACRES FOR SALE—Two acres in strawberries; fine orchard; 3-room house, good barn, three miles to Lincoln. Price \$1,400. L. Sutter, Lincoln, Ark., Route 3.

60 ACRES—Fine productive land; 30 acres in cultivation, balance timber. Five-room house, new barn, on state highway, close to school and church. For quick sale, \$1,500. Thomas Miller, Route 1, Winthrop, Ark.

196 ACRES—100 in cultivation, balance in timber and pasture. One-half acre in strawberries, large orchard, 6-room house, good barn, one tenant house. For particulars write E. K. Smith, Route 1, Hamburg, Ark.

62 ACRES—One mile west of Choctaw; 35 acres in cultivation; 15 acres in pasture, plenty good spring water, good house and barn. Close to school. One mile state Highway No. 65. Will sell cheap. R. J. Stolaugh, Route 1, Box 22, Choctaw, Ark.

160-ACRE FRUIT AND BERRY FARM FOR SALE—1,900 bearing Elberta peach trees, 750 peach trees set out last spring, some apples and cherries. Three sets of improvements, one blacksmith shop, 95 acres in cultivation, balance could be cultivated. Four miles from Russellville and two miles from Pottsville. Oates Bros., Pottsville, Ark.

80-ACRE FRUIT AND POULTRY FARM—Large orchard, plenty free range, good house and barn, three miles east of Brentwood. Reason for selling, am blind. P. L. O'Bryan, Brentwood, Ark.

204 ACRES—Western Montgomery county; 75 acres in cultivation; 30 acres in meadow, 8 acres in hog pasture, balance in stock pasture. One 5-room house, one 3-room house, one large barn and other outbuildings. Creek runs through farm. Three miles to town. This farm is located on the Mena-Hot Springs highway. R. B. Rodgers, Waters, Ark., Box 10.

100 ACRES IN MARION COUNTY—15 acres in cultivation, good family orchard, three-room house, will take good car as part payment, balance two payments. C. H. Beavers, Buffalo, Ark.

80 ACRES IN THE OZARKS—Large peach and apple orchard; 25 acres in cultivation, 4-room house, good barn; 3 miles from county seat. Price \$2,000, \$500 cash, balance terms. Amie Jones, Lefe, Ark.

80 ACRES—30 in cultivation; good 3-room house; one-half miles to school and church. Ten miles southwest of Hot Springs. G. L. Stricklen, Route 1, Box 21, Percy, Ark.

60 ACRES—40 acres in cultivation, three-room house, good barn and outbuildings—ideal place for poultry ranch. Bert Inman, Wharton, Ark.

137 ACRES IN POLK COUNTY—Desirable location, half mile from town of Hatton, 22 acres in cultivation, plenty of spring water. Good dwelling house and large barn, other outbuildings. Price \$20 per acre, for further information write Jesse Rogers, Hatton, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

FOR THE FARMERS OF ARKANSAS

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LITTLE ROCK, ARKANSAS

OCTOBER, 1926

THE SHOW WINDOW OF ARKANSAS

Arkansas State Fair, Little Rock, October 11-16, 1926

CHICAGO, St. Louis, Omaha, New Orleans, San Francisco and Atlanta may hold their great world's fair; St. Louis and Philadelphia may celebrate their Sesqui-centennials. All these are important events in the history of the country. Of far greater moment, however, to the people of Arkansas is the annual holding of the Arkansas State Fair. The sixth annual exposition of Arkansas products and resources will be held at State Fair Park October 11-16—"Always the second week in October". The premium list that has been offered for this year is the largest and the most comprehensive, and more departments and activities are included than ever before.

The annual State Fair is the most effective device yet adopted for the purpose of selling Arkansas to Arkansans. The majority of Arkansas people do not thoroughly appreciate the importance and value of their many advantages. The State Fair brings the various sections into closer contact and gives the world a definite idea of the varied resources and untold wealth of a state yet in the making. There is a large number of county fairs contributing to the State Fair the best of their exhibits. More counties will be represented at the coming fair than ever before, and their exhibits promise to be superior to any ever shown. More attention is being given than ever before to livestock and the products of the farm and orchard.

Many Interests Concerned.

The home is also strongly represented in the premium list and there is no agency more actively concerned in promoting the welfare and prosperity of the homes of Arkansas than is the State Fair. Home economics clubs, boys and girls' agricultural clubs of different kinds and farmers' organizations will be given the right of way in this exposition of Arkansas products.

Various organizations and interests will be recognized through the week with special days set apart for them. For instance, Monday will be Press Day, School Day, Ad Club Day, American Legion Day, Utility Day and Kentucky Day; Tuesday will be Camden Day, Queen of Arkansas Day, Kiwanis Day, Optimist Day, Planters Day and Tennessee Day. Wednesday will be dedicated to the Rock Island, the merchants, the Lions Club, Co-operative Club, Jonesboro, the colleges, Pulaski County and Missouri. Thursday will be devoted to the Rotary Club, Confederate Veterans and G. A. R., Business and Professional Women. Greater Little Rock, Faulkner and Washington Counties, Hot Springs and Oklahoma. Friday

will be Lumber Dealers' Day, Civitan Day and Louisiana Day. Saturday will be Arkansas Travelers, Boy Scouts and Mississippi. Special recognition will be given through the week to the boys and girls clubs and the activities of the Smith-Hughes School.

Governor T. J. Terral, who has been greatly interested in the success of the State Fair, makes the assertion in his proclamation calling upon the people to support the exposition that it has afforded the people of Arkansas a most excellent opportunity to refute many of the unkind remarks made about our State by giving concrete evidence of the intelligence of our people through a display of school work second to none in the United States, thereby dispelling the impression that Arkansas is content to wallow in the lay of ignorance."

Gold Medal Poultry Show.

In connection with the Fair the Sixth Annual Gold Medal Show of the Arkansas Poultry Exposition will be given, and it is expected that because of the liberal list of awards and the 51 loving cups offered by various persons and corporations, that the entries will be larger and more numerous than ever before. Special attention will be given through the week to woman's work, farm machinery and equipment, floraculture, health, negro exhibits, fish and game conservation, horticulture, bee culture, historical exhibits, baby clinic, and innumerable other features that will attract attention and prove profitable.

In addition to the numerous departmental exhibits, the amusement element will be emphasized. There will be nearly fifty high class carnival shows on the ground, in addition to an extensive and attractive track program that will bring together a strong card of the speediest equine stars of the state. There will also be a state-wide spelling contest, a harmonica contest for the boys and the girls of the state, a fly-casting tournament, a horse shoe tournament, an amateur musicians' contest, an old fiddlers' contest, a whittlers' contest, a birdhouse contest, and many other interesting events which will test the ability, the skill and the endurance of the contestants. There will be plenty of music throughout the week.

The guests this fall will be surprised to witness the extent of improvements made since 1925. There are many new buildings. Thousands of dollars have been spent in providing new amusement equipment, and much has been done toward the beautifying of the grounds. State Fair Park has become one of the beauty spots of Arkansas and its gates are thrown open to all the people. They

are invited to participate in the celebration of the state's achievements in industry, commerce, education and the finer arts that make life more livable.

Great Agriculture Exhibit.

With every available inch of display space taken in the beautiful Agricultural Building and plans being forwarded to erect an impromptu structure to accommodate the "over-flow," every indication points to the greatest assemblage of Arkansas' farm products ever before placed on exhibition at a State Fair.

These displays are unusually clever in design according to the advance notices received at Fair Headquarters from the County Agents, who have assisted in every possible way to make the exhibits attractive and a real feature of the fair.

The allotment of 22 exhibits in the Agricultural Building and the selection of 11 presiding judges was made recently by a special committee headed by H. K. Thatcher, superintendent of the Fair Agricultural Department, for the 1926 Exposition to be held in Little Rock, October 11-16.

To prevent favoritism being shown, Mr. Thatcher placed the names of the 22 applicants on a slip of paper, which were placed in a hat, shaken well and the drawings made. It was a game of first picked, first assigned, for the allotments were made in numerical order, the first name being drawn getting booth No. 1. Ouachita county took the honor of being first, and was assigned to booth No. 1, Ashley county drew booth No. 2, Faulkner, No. 3; Washington, No. 4; Scott, No. 5; the Arkansas Rice Association, No. 6; Independence county, No. 7; Searcy county, No. 8; the Cotton Belt Rice Exhibit, No. 9; Garland county, No. 10; the Arkansas Cotton Growers' Association, No. 11; Pope county, No. 12; Hot Spring county, No. 13; Bradley county, No. 14; Carroll county, No. 15; Jefferson county, No. 16; Lonoke county, No. 17; Nevada county, No. 18; Grant county, No. 19; Perry county, No. 20; Logan county, No. 21; and Hempstead county, No. 22.

The judges selected as follows: Dan T. Gray, Dean of University of Arkansas; T. Roy Reid, assistant director, Extension Service; Miss Connie J. Bonslagel, state home demonstration agent; Mrs. Roy Weaver, former county home demonstration agent; E. E. Graham, agronomist, Magnolia A. & M. College; Paul Walser, agriculturist, Cotton Belt railroad; Porter Rosenborough, horticulturist, Cotton Belt railroad; S. R. Wallace, poultry specialist, Extension Service; W. H. Woodley, dairy specialist, Extension Service; J. V. Ormond, bee

keeper, Elba, and M. W. Muldrow, livestock specialist, Extension Service.

Women's Work.

Ever since the early days of the county fairs, when the man of the family hitched up the old trusty steed to the family vehicle and took his wife and kiddies to join all the neighbors at the annual exhibition, women and the work that women do have played a large part in the success of all fairs, big or little. But with the passing of the years and the widening of the field of women's interests and activities, their part in the Annual Fairs has grown correspondingly.

Nowhere is this fact more convincingly demonstrated than at the Arkansas State Fair, in whose growth and success the women are important factors. The exposition Building, one of the largest structures at Fair Park, will house the many interesting exhibits as varied and comprehensive in their scope as the lives of twentieth century women. This building is always filled with eager visitors and since a most delightful program is arranged by the committee in charge, there is never a dull moment in the day.

In charge of the women's work—which will be a veritable fair in itself this year—is a capable board of directors, with a woman superintendent and many women on both active and honorary committees. Mrs. Charles F. W. Loewer, of Little Rock, is the delightful and efficient superintendent of the women's work, with Mrs. E. Ellenbogen assisting. In addition to these officers are two important committees which are untiring in their efforts in making the 1926 exposition a grand success. The committees are: Honorary Committee, Mrs. Andrew Dowdy, Batesville; Mrs. William Bransford, Lonoke; Mrs. Elma Sims, Hazen; Mrs. Minnie Wilson, Plainview, and Mrs. Fritz E. Goodbar, Wheatley. Active Committee, Miss Martha Beidelman, Mrs. Lindsay, Mrs. Frank Dollahan, Mrs. W. E. Bailey, Miss May Carl, Mrs. J. W. Enochs, Mrs. Ed Hurley, Mrs. W. G. McDaniel, Mrs. T. J. Newman, Miss Rosa Miller, Mrs. Pearl Peppin, Mrs. Louis Schnieder, Mrs. Theo. Treadway, Mrs. Carrol D. Wood and Mrs. T. S. Buzbee, all of Little Rock. Miss Druzilla Kent, Mrs. John Pipkin and Miss Elizabeth Gress of Little Rock have been selected as the judges for the 1926 fair.

The active committee held its initial meeting recently in the Blue Triangle Room of the Y. W. C. A. Building at Little Rock at which time Mrs. Loewer explained to her assistants the specific duties of each. A working schedule was drafted and adopted. Because of the in-

(Continued on Page Three.)

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by
W. N. WILKES
Commissioner of
**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied.
IMPORTANT—Space permitting, ads will be published in one issue without charge.

STATE FAIR VOCATIONAL AGRICULTURAL SCHOOL

R. B. SMITH,

State Teacher-training Agent.

One of the big educational features held at the Arkansas State Fair will be the Agricultural School and farm boys' encampment. This will be the sixth year that Smith-Hughes vocational agricultural students of our State have been enabled to participate in the agricultural contests and educational features made possible by the progressive and generous policies of our State Fair Association. The school and encampment have grown from a small handful of students to an enrollment of over 500.

There are four kinds of activities in which vocational agricultural students participate:

I. SCHOOL AND ENCAMPMENT.

The State Fair Association furnishes

cots and tents which are arranged to make a small village. Groups of boys from the vocational high schools of Arkansas, under the leadership of an adult, are assigned places where they may live during the school and fair. There is a definite daily schedule, just as in the school or army, and the boys must conform to reasonable rules and regulations. In the morning they attend agricultural school. Every period of time is given to some agricultural lecture, demonstration or practice work. The Y. M. C. A. assists with entertainment and recreational contributions, and leaders in educational and farm problems give inspiring talks.

II. AGRICULTURAL CONTESTS.

The second type of activities which receive special attention are the agricultural contests. Perhaps the most interesting one is the State Vocational Live Stock Judging contest, the winning team of which represents Arkansas at the International Live Stock Show at Chicago. Last year a team from Alma, trained by G. S. Boggan, had this distinction of representing the Wonder State.

There are a number of other contests with prizes and honors attached. The vocational agricultural teachers in the 80 or more high schools of the state train teams to represent their school and community in live stock judging, grain judging, and other contests that do not require so extensive preparation. Cotton growing and corn growing contestants also send samples of their product to compete for prizes at this time.

III. VOCATIONAL AGRICULTURAL EXHIBITS.

The students of vocational agriculture throughout this State hold an agricultural exhibit as one of the separate sections of the State Educational Exhibit. A separate premium list is offered for Smith-Hughes vocational agricultural

students and prizes are given for farm products, school and farm shop work. Each first prize counts three points, a second prize two points, and a third prize one point. There is also a splendid list of premiums offered for home economic exhibits. A grand sweepstakes prize is offered for the vocational agricultural school that wins the most points with vocational educational exhibits.

IV. RECREATION.

The fourth and perhaps the greatest group of activities in so far as the boys are concerned is the recreational and entertainment group. The Little Rock Y. M. C. A. has promised to contribute much to this part of the program. Then every afternoon and evening the boys will be off to see the fair and take part in those recreational features. Trips about the city of Little Rock to see the State Capitol, State institutions and local industries will be taken, and nothing will be left undone in trying to make the Agricultural School and Farm Boys' Encampment the best educational institution of its kind ever conducted in Arkansas.

We hope that every vocational student will begin preparing at once to participate in all four of the different groups of activities that have been mentioned.

SMITH-HUGHES STUDENTS PRACTICE CONSERVATION OF SOIL FERTILITY.

By E. B. MATTHEW.

Many of the Smith-Hughes agricultural instructors encourage their students to carry three projects as a part of their practice work on the home farm. One of these projects will be a cash crop, another a feed crop, and, last but not least, the third is a soil improvement crop. Conservation of soil fertility is a part of the program of each instructor.

He teaches proper crop rotation, suitable legumes, terracing, drainage and fertilizers. An example of how a teacher proceeds to put on this soil improvement program is given by C. O. Henderson, Supervisor of Vocational Agriculture of North Mississippi.

"We get the co-operation of the father first," said Mr. Henderson when called upon to explain the methods used. "A typical example may be found in the consolidated school at Ashland, Miss. Here Mr. R. G. Bright has three boys in the agricultural class, Robert, Hazel and Lelon. Each of the boys last year was given three acres of land which he was to plant to corn or cotton. These boys were to grow crops under the management of the agricultural instructor, pay all expenses and retain all profits. As a rental for the land, it was agreed that each was to sow his three acres in hairy vetch in the fall, and plow the crop under at the proper time in the spring. The result of this vetch crop is an outstanding crop of corn far superior to other crops in the neighborhood not so treated.

"The lessons derived from this procedure will have lasting value in the future lives of these boys in the business of farming."

Another outstanding example of what proper crop rotation will do may be found around Wilson, Arkansas. Here Fred T. Mitchell, the agricultural instructor, has been teaching a three-crop rotation, alfalfa followed by corn, then by cotton. This community has had the honor of winning in a State cotton growing contest for two consecutive years and is known the State over as an outstanding prosperous community. The soil in northeast Arkansas is remarkably fertile and the farmers there are intending to keep it so.

AMENDMENT No. 14

Important to Arkansas Farmers

The *low price of cotton is a serious matter* to our people. We believe the farmers of this state will always be at a disadvantage in the marketing of cotton, until Cotton Mills are located in Arkansas.

You have a real chance to help get these mills by voting for Amendment No. 14, to exempt Cotton Mills from taxation for seven years from the date of their location. We are not getting any taxes from them now, except two or three, so why not join with other Southern States in inviting Cotton Mills to the South, where they belong.

Cotton Mills will give employment to our people; they will increase our wealth; they will make a *home market* for our cotton; and they will also open up a new market for our truck crops without the big expense of packing and freight.

Just at this time Northern and New England manufacturers are becoming interested in Southern locations, and Arkansas has right now an opportunity to impress Capital with our friendly attitude.

There is no conflict between Agriculture and Industry—as Dr. Dickey recently so well stated, "The greatest need of Agriculture in Arkansas is Industry."

We believe a vote for Amendment No. 14 means a vote for Better Times in Arkansas.

W. N. WILKES, *Commissioner.*

INQUIRIES

Richard H. Moeller, Box 512, Cheyenne Wells, Colo. Interested in the farming opportunities of the Ozark region. Seeking general information.

J. E. Sanders, Colonial Inn, Welaka, Fla. Desires any information available regarding the Ozarks. Interested in moving to Arkansas.

Ralph Hayward, Route 1, Sparland, Ill. Desires to move to Arkansas; seeking general information regarding all parts of the state.

D. E. Mahle, care St. L. Southwestern Ry. Co., Stuttgart, Ark. Desires to purchase small farm in the Ozarks.

A. L. Riggs, Weiser, Idaho. Interested in Arkansas lands and would like to get all general information available.

Fred Harker, Box 136, Woodward, Ia. Wishes to come to Arkansas and purchase farm. soil must be very productive, close to good markets and free from malaria.

Sam W. Flowinoy, Nacogdoches, Tex., Route 4. Interested in Arkansas lands; wishes general information.

GRAPE INDUSTRY IN THE OZARKS.

By WILSON CARDWELL

While the growing of grapes in the Ozarks in commercial quantities is of recent origin, the fact that the Ozark hills were by nature adapted to grapes has been known since the pioneers settled in the Ozark ranges have additional proof of wild grapes without any culture or care and producing them in luxuriant profusion.

We have yet many vines old as the life of the oldest pioneer which are still in the forests that have not been invaded by the hand of man.

The wild varieties common to the Ozarks were the summer grape, getting ripe about the time of the Concord grape, and about two-thirds the size in berries, commonly called Fox grapes, and then we have a later variety grown in the valleys and along the creek and river banks, close compact clusters and small-sized berries, black in color and highly prized by the housewife for jellies and jams. We mention this wild variety only to show that nature ever lavish in her gifts has been more than kind to the Ozark region giving us climate and soil together with sunshine and rain that has produced the unusual combination of conditions that makes this an ideal territory for the growing of grapes.

From our earliest recollection, about 40 years, we remember that in many of the homes a few grape vines were grown, usually trained over a trellis, the grapes for home use as well as an artistic decoration for the lawn. In a commercial way, long before the day of prohibition, there were two or three farmers that grew grapes on limited acreage for the purpose of making wine, for instance, Gildersleve's place, near Sun's Chapel, a few miles northeast of Fayetteville, was one of the outstanding places for making wine, we also remember the Stark ranch, east of Rogers, in Benton county, then followed the Italian settlement seven miles west of Springdale, who 28 years ago located in what is now Tontitown. They, too, began the cultivation of grapes and for several years manufactured wine, then when prohibition became a fact, many of the Italians cut back their wine grapes and grafted on table grape grafts and in course of time having more grapes than the local consumer or express shipments could provide a market, and having an output sufficient to demand car lot shipments they did so with results more gratifying than they had anticipated. And to the Italians under the guidance



Let's GO!

TO
"OUR OWN FAIR"
Arkansas State Fair
Little Rock, Oct. 11-16
featuring
THE "AWAKENING OF ARKANSAS"
A \$100,000 PAGEANT - THE
STATE'S MOST HISTORICAL EVENT!
SOUTH'S BIGGEST AGRICULTURAL EXPOSITION
Livestock & Poultry Shows
AMUSEMENTS
RACES { AUTO, HARNESS, RUNNING, WHIPPET }
ADULTS 50, CHILDREN 25

and direction of their priest, Father Bandini, we must give credit for calling to the attention of the native Arkansawyer the commercial possibilities of the production of grapes as a new money crop for this territory.

In 1919 the Welch Grape Juice Company, a nationally known organization for the manufacture and production of grape juice, decided to enlarge their activities and increase the output of their products, and as a result of that decision they visited California, one or two states of the Middle West, Tennessee and Missouri, as well as Arkansas, studying the following conditions that were necessary for the successful development of a new and suitable location, and after repeated trips to the Ozark regions, in Arkansas, investigating railroad facilities, labor conditions, making an analysis of the different soils in the Ozarks, the evenness of the ripening of the Concord, the size and perfectness of the cluster, the size and coloring of the berries, the sugar and juice contents of same and all these being even more favorable than they had anticipated, they decided to locate their southern plant at Springdale, Ark., on condition that Springdale agreed to put out 1,500 acres of grapes and also to buy a \$75,000 stock in the Welch Grape Juice Corporation, these demands were exceeded on the part of Springdale, and the first year 2,000 acres of grape roots were set and more than the required amount of stock was subscribed, and in 1921 they decided to locate in Springdale, and in 1923 erected their first building, and in 1925 the second building.

The Welch Grape Juice Company own 204 acres near Springdale, of which 190 acres is now set to vineyard, and they expect 400 tons of grapes off of the vines that are bearing on their own farm this year, and have contracted for some one hundred tons which are being consumed this year, only a small part of which will be made into grape juice, as they have not yet built the unit for pressing juice, we confidently expect them to do that this fall, or before another crop, as there has not been production until this year sufficient to justify the erec-

tion of that unit of their plant, as in many of their factories they use from 300 to 500 tons of grapes annually. They have at present two buildings, one 90x180 and one 60x140, and during the grape season employ 300 men and women. While their main plant is at Westfield, N. Y., they have plants at Lawton, Mich.; Northeast Pennsylvania and St. Catherine, Canada, in addition to the Springdale plant. At this plant they manufacture grape-lade, strawberry-lade, cherry-lade, blackberry-lade and peach and apricot-lade, and a high grade of tomato ketchup, total shipment of these products last year being 93 cars. They have increased their consumption and manufacture of products this year and to date have consumed 25 cars of strawberries, and are now manufacturing tomato ketchup and grape products.

The grape industry from a productive viewpoint, has increased by leaps and bounds, and it is now estimated that there are 15,000 acres of Concord grapes grown in Northwest Arkansas and Southwest Missouri, of which 5,000 acres are contiguous to Springdale. Last year Arkansas as a grape producing state was advanced by the Department of Agriculture from 21st to 7th position, in production.

In 1923 Springdale shipped 210 cars, this season they expect to ship 500 to 600 cars, and there will be in the Ozarks 1,200 to 1,500 cars, and this year have the finest crop of Concord grapes ever grown in the South, large compact clusters and perfect berries. The production on many acres of the best vineyards will run from 4 to 6 tons.

We do not believe that there is any danger from over production, but we do believe that the lack of intelligent distribution may result in the farmer not receiving the price he had looked for and had a right to expect. Freight rates and cheap marketing methods must now claim the attention of the producers, as to date the question of production in volume and commodities that will be satisfying to the trade has been the chief motive of the grape grower, that has been solved beyond all question and when we secure cheaper freight

rates and more economical marketing recourse and educate the public to the fact that we have a wonderful production and have the grapes advertised as to the time they will be ready to go on the market, and that they will be in such condition as will be pleasing and profitable to the consumer, the grape question from a financial viewpoint will have been solved and that to the satisfaction of all concerned, and with a satisfactory solving of the problem now confronting us, we believe that the Ozarks will ere long be regarded as one of the greatest grape producing territories of the United States.

SELECT DAIRY TEAM.

(Memphis Commercial-Appeal.)

Walter Crawford of Bryant, Ark., O. C. Moran of Pine Bluff and Cecil Seery of Batesville will represent Arkansas in the vocational contest to be held in conjunction with the National Dairy Show at Detroit, Mich., October 9.

These Smith-Hughes vocational agricultural students finished first, second and third, respectively, in the first annual Arkansas state dairy judging contest at the Tri-State Fair yesterday. D. Sibert, instructor in the Bryant High School, will accompany the winners to Detroit. Luther Bivens, student of Bodget High School of near Little Rock, who finished fourth, will accompany the team as an alternate.

The four teams participating in yesterday's contest were selected from Smith-Hughes teams that took part in recent contests at A. & M. College during the summer. Each contestant scored over 500 points out of a possible 700. The winner made 597 points.

Splendid classes of Guernseys, Jerseys and Holsteins were available for the judging yesterday. Prof. George C. Humphreys of Madison, Wis., officiated as judge. He was assisted by W. W. Fitzpatrick, O. E. Van Cleave and Diedrich Ulken. The teams were accompanied to Memphis by E. B. Matthews, state supervisor of vocational education of Little Rock. The contest was supervised by R. B. Smith, state teacher training agent for vocation, agriculture, education, also of Little Rock.

THE SHOW WINDOW OF ARKANSAS.

(Continued from Page One.)

Increased interest in the approaching exposition, indications are bright for the largest display in women's work ever before exhibited at a State Fair. This will mean that the officials in this department will be constantly on duty, especially when the attendance is large in order that the displays will not be handled or misplaced. Each entry will be carefully listed when received at the Fair Grounds. They will be tagged and classified to their departments. No names should be placed on articles.

Mrs. Loewer placed special emphasis that women submitting work to be displayed will do so in accordance with the rules listed in the Fair premium list. Those wishing to enter the commercial classes should make application for a display in the Commercial Division. A miscellaneous group of contributions, i. e., Textile, cookery, etc., will have to be divided and put into the departments under their respective heads. No names will be permitted to appear on any articles, numbers will be substituted as each entry is received by the committee in charge and a corresponding number will be given the entry in the department log. This system will give the exhibitor an unbiased and impartial chance at the awards as the judges will not be swayed in their judgment by recognizing a personal friend's name or reputation. \$491.75 has been offered by the Fair Association as premiums for women's work

FARMERS EXCHANGE

FARMS FOR SALE.

79½ ACRES FOR SALE—Fine for fruit and poultry farm; near good school and church; oil rights reserved. If interested, write C. L. Burcham, Cecil, Ark.

329 ACRES—near Searcy, Ark.; good improvements; land sloping to level; might take some trade. For particulars, write C. S. Wasson, Searcy, Ark.

200 ACRES—130 in cultivation, two sets improvements; near state highway; close to schools and churches; one-half mile to postoffice and railroad. Must sell; come and see what I have. H. B. Garner, Box 36, Williford, Ark.

SHARE-CROPPER WANTED who can handle sixty acres or more; two and three-fourths miles from College of the Ozarks and about same distance from Clarksville high school. A good situation for one interested in school. John K. Carter, R. 3, Clarksville, Ark.

640 ACRES—130 in cultivation; six houses, barn, etc.; ideal for stock and poultry. C. M. Kelley, Pine Tree, Ark.

41 ACRES—6 acres in cultivation, about 25 acres tillable. Over 100 peach trees; two-room house; well water; some good timber. Will sell at once for \$350. E. C. Bilke, Fox, Ark.

45 ACRES—Well improved, 30 miles north of Little Rock on Mo. Pac. railroad. Consider Arkansas farm only, equally improved and located. J. W. Williams, R. 2, Beebe, Ark.

160 ACRES—Good four-room house, barn, cellar, poultry house; 15 miles south of Fayetteville; three miles north of Brentwood; one-half mile to school and church. Ideal for stock and fruit farm. \$1,500 for immediate sale. M. C. Howell, R. 2, Box 61A, West Fork, Ark.

FARMS FOR SALE AND EXCHANGE.

40 ACRES—in the Ozarks; located in the beautiful Springdale valley; this land is adapted to grapes, apples, berries and other fruits and trucking; all under fence; good four-room house. Price \$4,500; \$2,000 cash, balance easy terms. A real bargain. Walter M. Rachels, Greenwood, Ark.

210 ACRE DAIRY FARM—Good pastures and plenty of hay; small creek bottom land; good house; some orchard, barn and outbuildings. W. W. Boyce, R. 3, Okolona, Ark.

WANTED—To buy small place, improved or unimproved; prefer Ozark mountains; \$100 to \$500 cash payment; also have several hundred dollars to invest or loan. M. Gedion, 323 S. Robey, Chicago, Ill.

WANTS TO BUY farm and make payments once a year; also would like to hear from someone who rents land on the shares. John B. Hollingsworth, Oden, Ark.

160 ACRES—also 125 acres in cultivation; good black loam; five sets of improvements; on gravel road, close to school. Price \$50 per acre; one-half cash, balance assume loan. E. M. Garey, R. 1, Bassett, Ark.

MISSISSIPPI COUNTY FARM—For sale; 58 acres and 80 acres, all in high state of cultivation; fine corn and cotton land; best terms; only 6 per cent interest. A. M. Harvey, Joiner, Ark.

WANTED to rent small improved farm from 20 to 30 acres, with good house and outbuildings; must be close to school and good market land suitable for general farming and truck growing. Elmo Melton, R. 2, McCrory, Ark.

ATTENTION, Landlords, want to make a ten-year contract to grow grapes and berries on the halves; also small cotton and feed crop; had experience as farm manager. For further particulars, write H. J. Riggs, R. 2, Box 98, Fort Smith, Ark.

400-ACRE OZARK FARM—For sale. Extra fine land, suitable for any kind of fruit, berries, etc. This land embraces ten canning factories, one-half mile wide and one and one-fourth miles long; located five miles southeast of Jasper, county seat of Newton county; on state highway, close to good graded school. For full information, please write S. E. Weaver, Jasper, Ark.

SEVERAL FARMS for sale, in various sections of Arkansas. These farms have been taken over by foreclosure. Willing to take substantial loss, to farmers who are willing to develop them. F. S. Stroheker, 114 W. 10th St., Kansas City, Mo.

SEVERAL FARMS for sale; will sell cheap. For particulars, write L. M. Davis, R. 1, Pangburn, Ark.

WANTED—To pay cash for small farm, good land which will grow corn, hay and cotton, located in the Ozarks. Must be creek or valley land, with some fruit; title must be clear. J. R. Poe, Roe, Ark.

40 ACRES FOR SALE—In the Ozarks; 20 acres in cultivation; some timber on place; plenty fruit of all kinds for family use; three miles of Berryville. I. H. Huggins, Berryville, Ark.

100 ACRES—Well improved; seven miles from Calico Rock; 30 acres in cultivation, balance in timber; four-room house, barn and good outbuildings; good family orchard; also 160 acres, located close to Muscle Shoals, Alabama. Will trade for small improved farm near school; prefer close to Little Rock. Martin Wylie, Calico Rock, Ark.

FOR SALE—130 acres good land; some improvements; two miles from Crossett. Will sell on long time payments with no cash payment down, to party who will move on place and make some improvements. R. P. Rowley, Ulm, Ark.

48 ACRES—Located in northwest corner of Randolph county; some improvements; one-fourth mile to school; close to fine fishing and hunting; a real bargain at \$250; part cash, balance easy terms. James J. Smith, R. 2, Box 78, Ravenden, Ark.

40 OR 80 ACRES—Fine fruit and berry land, two miles to cannery; well improved with two acres blackberries; about 200 young fruit trees; farm tools, cows, horses and everything goes. Price \$5.00 per acre; a real bargain. Write P. P. Parsons, Wickes, Ark.

120 ACRES—Five miles from Sheridan; 45 acres in cultivation; good house, barn and outbuildings. Will sell cheap; part cash, balance easy terms. Isaac McCullan, Box 54, Sheridan, Ark.

FOUR GOOD FARMS for sale; 75 acres in the largest and 30 acres in the smallest one; all well improved farms. For particulars, write E. N. MOODY, Heber Springs, Ark.

SEVERAL THOUSAND acres best farm lands in U. S., located in Mississippi county where ginned 160,000 bales cotton last year. Rich alluvial top soil, 50 feet deep; good drainage, good health, good roads, schools, churches and markets. All land near Luxora and Osceola. Am overloaded and will sell in any size tracts at a bargain. Write or come to see S. E. Simpson, Luxora, Ark.

BENTON COUNTY fruit farm for sale; 40 acres good, young fruit farm; orchard well developed and in good location. Write Mrs. J. T. Brickman, 1895 W. 47th St., Cleveland, Ohio.

WANTED TO BUY—From 100 to 3,000 acre tracts of hardwood timber. Write J. M. Taylor, Port Gibson, Miss.

LAND FOR SALE—Fine truck and fruit land, on state highway, in corporate limits of Traskwood. Mrs. A. B. Hill, Traskwood, Ark.

107-ACRE fruit and berry farm; 60 acres in cultivation, balance pasture; fruits of all kinds; good five-room house, barn and outbuildings; one mile southeast of Rudy; good school and churches; \$30 per acre, including crops. M. D. Ammons, R. 3, Alma, Ark.

350-ACRE cotton and hay farm for sale or trade for city property; 275 acres in cultivation; nine sets of improvements; good bottom land. B. L. Harrison, Truman, Ark.

160 ACRES—Hill and creek bottom land; partly improved; stock and farm tools included; want smaller place close to college town. Also 80 acres partly improved; will take good car as part pay. Tom Aspray, Ravenden Springs, Ark.

FOR SALE OR TRADE—160 acres, 100 acres in cultivation; good five-room house, barn; four head of work stock; good Ford touring car. Will sell cheap if taken at once; part cash payment, balance on easy terms. E. L. Carey, Solgohachia, Ark.

134 ACRES to exchange for hotel in good town, county seat of county. E. Todd, Pocahontas, Ark.

130 ACRES—Good farm and fruit land, in peach section of Howard county; near the largest peach orchard in the world. W. D. Lee, Box 26, Center Point, Ark.

16-ACRE FRUIT FARM — Apples, peaches and grapes; good three-room house, crate house and barn; about one acre of bermuda pasture; close to state highway, three miles north of Alma. Price \$1,000 cash. C. L. Steinseik, R. 5, Alma, Ark.

217 ACRES FOR SALE OR TRADE—Six miles to good railroad town; one-half mile to state highway; three sets of improvements; 160 acres in cultivation. F. E. Kaylor, Beebe, Ark.

80 ACRES FOR SALE OR TRADE—For merchandise; 35 acres in cultivation; good small orchard; new four-room bungalow, on good country road; good outbuildings; free range. For full information, write W. E. Penrod, Grubbs, Ark.

TOWN PROPERTY.

FIVE-ROOM HOUSE; all improvements; in Texarkana; value, \$1,700; have \$600 equity; rents for \$20 per month. Will trade for mountain or hill farm with good house near Fort Smith, Ark. John C. Gray, P. O. Box 515, Texarkana, Ark.

FOR SALE—Two large residence lots in Heavener, Okla.; also two in Ranger, Texas; ideal building lots. Will trade for tract of land in Arkansas where truck gardening or poultry raising is successful; clear title. Webster Ashford, R. 1, Box 23, Cove, Ark.

SUBURBAN FARM—Four and one-third acres; new five-room house with sleeping porch; house cost more than I ask for the whole place. Price \$1,800; \$100 cash and \$25 per month. One-half mile to Mo. Pac. R. R. shops. C. S. Griffing, McGehee, Ark.

SUBURBAN HOME—Near Fort Smith, Ark.; eight rooms, with hot and cold water; steam heat; good plumbing; septic tank care for sewage; large barn, garage, dairy barn, milk rooms; 60 acres land; good supply of water; fine pasture, fruit, grapes, berries; good for truck, dairying, chickens; street cars in front; on city water main; in good community. Property can be divided and sold in parcels of 10, 20 and 30 acres, or all together. Will sell for part cash. E. G. Epler, M. D., 703½ Garrison Ave., Fort Smith, Ark.

NURSERY PLANTS.

BLACKBERRY plants, \$3.00 per hundred; Himalaya berries, \$5.00 per hundred, and tame Huckleberry plants, \$9 per hundred. E. B. Sonderegger, R. 2, Box 2, Scranton, Ark.

DALIA TUBERS—Red, pink, white, 20 cents each; Peonies, all colors, 20 cents each; Chrysanthemums, large and small flowers, all colors, 25 cents per dozen. Postage paid on all orders over \$1.00. Mrs. Cecil Ritchey, Center Point, Ark.

POULTRY AND EGGS.

RHODE ISLAND RED—Cockerels, one year old, pure bred, \$3.00; two white china geese, price \$5.00. Mrs. Dan Dees, R. 1, Piedmont, Mo.

WANTS to buy Mammoth Pekin Ducks. Please quote prices. Mrs. Mattie Hopper, Hopper, Ark.

BARRED ROCK pullets for sale, \$1.00 each. Mrs. D. C. Davis, Pangburn, Ark.

BUFF ORPINGTONS—Pure bred cockerels and pullets; winter laying prize-winning strain, \$1.25 each, f. o. b. Mrs. F. T. Edson, Foreman, Ark.

S. C. BLACK MINORCA cockerels for sale; prize winners. Carl Click, El Dorado, Ark.

WHITE ROCKS—Twenty-five cockerels, also four one-year-old White Leghorn cocks; both from good laying strain; \$2.00 each, f. o. b. Miss B. Bautts, Barton, Ark.

LIVE STOCK FOR SALE.

FOR SALE—Cheap, one seven-eighth Swiss Toggenburg doe. Robert Hornaday, Fordyce, Ark.

ANGORA GOATS—High grade bucks for sale. Johnson Bros., Mayfield, Ark.

LIVE STOCK FOR SALE AND EXCHANGE.

ANGORA GOATS—For sale. Spring kids, also one buck, two years old. Priced to sell. Murrell Johnson, Sonora, Ark.

MISCELLANEOUS.

FOR SALE—Patchwork quilt tops, \$3 and up. Mrs. Cecil Ritchey, Center Point, Ark.

RABBITS FOR SALE—One pair pedigree Chinchillos, \$15. Carl Click, Box 706, El Dorado, Ark.

WANTED—Nut meats, black walnuts, pecan, hickory nut, butternut. You can obtain a cracking machine from us. Day F. Clark, 1512 North St., Harrisburg, Pa.

CANARY BIRDS—For sale. Singers, \$6.00 each, or \$9.00 per pair. Mrs. J. D. Keith, R. 3, Box 26, Jonesboro, Ark.

WANTS TO BUY—Logs of all kinds, on railroads and rivers. Will pay market prices. For particulars, write C. W. Towsley, 4007 Prytania St., New Orleans, La.

FOR SALE OR TRADE—New \$25.00 course in shorthand writing. Price \$15. Four new Hot Shot Ford timer brushes, 75 cents each. 15 dozen best all Hexagon No. 2, five-cent pencils, 35 cents per dozen. Will trade for some dried fruit. Martin Wylie, Calico Rock, Ark.

WANTED—Men to clear land; also want some sharecroppers. D. C. Davis, Pangburn, Ark.

WANTED—To hire out by the month until I get acquainted with conditions in the state so I can purchase a farm. Ralph Hayward, R. 1, Sparland, Ill.

FOR SALE—500 pounds seven-top turnip seed; first class seed; 25c per lb., f. o. b. Luxora, Ark. S. E. Simonson, Luxora, Ark.

FOR SALE—One new International Webster's dictionary, 2,700 pages, buckram binding; latest edition; good as new. Price \$15. E. A. Murphy, Lepanto, Ark.

FOR SALE—One good, size 4, Sharples Separator for \$50. Must sell on account of ill health. This price f.o.b. Ashdown. Mrs. W. W. Gardner, R. 2, Box 71, Ashdown, Ark.

ARKANSAS FARM AND MARKETING BULLETIN

ENTERED AS SECOND CLASS MATTER APRIL 27, 1918, AT THE POST OFFICE AT LITTLE ROCK, ARK., UNDER THE ACT OF JUNE 6, 1900

BY STATE BUREAU OF MINES, MANUFACTURES AND AGRICULTURE

PUBLISHED MONTHLY

FOR THE FARMERS OF ARKANSAS

SUBSCRIPTION FREE

VOL. 12, NO. 9

LITTLE ROCK, ARKANSAS

JANUARY, 1927

Has Seed Laboratory Justified Its Support

BY JOHN E. CASEY.

DURING the fiscal year ending June 30, 1926, the State Seed Laboratory completed a total of seventeen hundred and fifty purity analyses and approximately four thousand germination tests, a record unequalled in amount of work done in the laboratory in a single year in Arkansas. Of the 1,750 analyses, 1,153 were voluntary samples, or those sent to the laboratory by farmers, retailers of seeds, and others interested in farm seed testing. Five hundred and eighty-nine were official samples, or those sent to the laboratory by inspectors of the Bureau of Mines, Manufactures and Agriculture, these having been collected from commercial stocks of farm seed found in the hands of retail establishments in different parts of the state.

Calculated at the rate of five dollars per sample, which is the fee charged by commercial seed laboratories, and counting only two germination tests for every purity analysis, the worth of the laboratory work in dollars and cents for the year just ended amounts to the sum of eight thousand seven hundred and fifty dollars. This is one thousand seven hundred and fifty dollars in excess of the amount of money appropriated by the legislature for the maintenance of the laboratory for one year.

The value of the State Seed Laboratory work, however, cannot be estimated alone in dollar and cent marks. Ultimately, the value of such work reaches a far higher figure than that quoted in the paragraph above. But it comes in the form of an intangible or indefinite benefit, so that its real worth cannot be stated in concrete terms. For example, the laboratory last spring tested four samples of cotton seed sent in by an Arkansas farmer from a supply of seed which was sufficient to seed his entire acreage—several hundred acres on a cotton plantation. The laboratory tests showed that the seed was unfit for planting. If it had been planted without having been tested, no semblance of a stand would have been obtained. A re-planting would have been necessary, with other seed, and at least two weeks lost in the meantime. This delay in getting the crop off to a good start might have cost the farmer thousands of dollars. Earliness of maturity in cotton saves the farmer from devastations of boll weevil and leaf worm and, sometimes, unfavorable late fall weather conditions, thus saving the farmer from losses that might be sustained from late maturity for any reason. Such losses in previous years have amounted to unbelievable figures and many cotton

(Continued on Page 2, Column 1)

(Continued on Page 2, Column 1)

Diversification Our Hope for 1927

BY T. ROY REID

THE final estimate of the cotton crop for 1926 is 18,618,000 bales. This is almost two and a half millions of bales more than has been produced any other one year. It follows a year when one of the record-breaking crops was produced. This increase in cotton is due to large yields per acre and to a large acreage.

The results of this large crop of cotton has been to force the price of cotton below the pre-war price and considerably below the cost of production. The cotton growers have lost money. The man who has not grown cotton this year is in much better financial condition than is the man who made a big crop. Worse times than these may come another year, if another large crop of cotton is grown. The present crop and the carryover from last year is about ten million bales more than was consumed last year. Even a normal crop added to such an amount to be carried over would keep the price of cotton depressed below the point where there would be any profit in its production.

A determined effort is being made to reduce the cotton acreage in the South at least 25 per cent below the acreage this year. It will mean money to southern cotton growers to reduce it even more than that and then not to have a growing season better than the normal one.

Arkansas farmers will, if they reduce their cotton acreage 20 per cent, plant almost a million acres less in cotton than was planted in 1926. More than a million acres of land are needed to grow feed required to feed the livestock now kept on the farms in the state. The Extension Service is recommending that these acres be utilized to produce hay, grain, and pasture for the livestock, and to show that when this is done that there will still be a need for purchasing some of the feed necessary to properly provide for the needs of our livestock. There is a need for an increase in the amount of livestock kept on the farms of the state. The feeding of increased amounts of feed to the animals now kept on the farms would result in larger profits. Both of these things mean that a still greater acreage might be devoted to the growing of feed crops.

It does pay to grow feed crops. It helps to distribute the labor, it helps to maintain the fertility of the soil, and reduces the expenditures for commercial plant foods. It furnishes feed at wholesale prices rather than at retail prices, as it is usually purchased. It

(Continued on Page 2, Column 2)

(Continued on Page 2, Column 2)

Does Club Work Pay in Dollars?

BY W. J. JERNIGAN.

WHILE the question, "does Extension Work, or 4-H Club Work, which is a part of it pay in dollars" is not asked as frequently as it was a few years back, yet there still seems to be a doubt in the minds of some people who, undoubtedly have not studied the results obtained in this kind of work.

We believe that a close study of the tables of comparative yields in three of our standard crops—corn, cotton, and potatoes—found herein will forever remove any doubt that there might be as to whether Extension work or 4-H Club work really pays in dollars.

13-Year Average Acre Corn Yield.

Year	Arkansas Club Boys	Arkansas Farmers
1913	43.	19.
1914	39.6	17.5
1915	45.6	23.0
1916	38.1	17.7
1917	47.3	24.
1918	37.7	13.
1919	37.9	18.
1920	50.8	23.4
1921	39.7	22.
1922	38.	19.5
1923	33.	15.5
1924	28.3	16.5
1925	28.8	14.8
13-Yr. Average.....	39.	18.7

8-Year Average Yield Per Acre

Year	LINT COTTON Arkansas Club Boys	Arkansas Farmers
1918	313	158
1919	308	155
1920	297	180
1921	345	160
1922	354	173
1923	230	97
1924	344	167
1925	349	219
8-Yr. Average	317.5	163.6

4-Year Average Yield Per Acre

	IRISH POTATOES	
Year	Arkansas Club Boys	Arkansas Farmers
1922	113.6	68
1923	68.7	59
1924	102.2	74
1925	102.4	60

4-Yr. Average	96.7	65.2
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SWEET POTATOES		
1922	135.1	80
1923	150.6	95
1924	161.2	80
1925	147.6	68.1

4-Yr. Average	148.6	80.8
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(Continued on Page 2, Column 3)

Grow Straw-berries for Profit

BY J. A. BAUER
Judsonia, Arkansas

NEVER in years has the berry crop made such wonderful profits as they did last season. All over the whole Southland all made big money and all it takes to get your share of the profit is to get good plants, use proper care with them and you will reap a big harvest.

In Louisiana berry districts they made over eight million dollars from berries; in Alabama over four million dollars; in Mississippi over two million dollars; in Arkansas over four million dollars. Most all of this money came from the Improved Klondike variety, the variety which I introduced and which has made good all over the South. We also ship millions of them to California where they do well.

One grower in this section from thirty acres sold 2,500 crates of berries which averaged him over \$5.00 per crate or \$12,500.00. What crop can you grow which compares with these profits? His variety was Improved Klondike.

In Lauderdale County, Mississippi, according to a report from Meridian, strawberry growers sold \$80,000 worth of strawberries from 140 acres last year. To what other crop could 140 acres be planted to bring the farmers \$80,000? Five hundred and seventy-one dollars is a pretty good income from an acre of ground. Another thing noticed in the strawberry report from Mississippi is the way in which the berries are marketed. The Strawberry Growers' Association looks after the shipping and marketing of the berries. Here is co-operative selling in a practical way, and it evidently is paying, as cooperative selling always does when handled in a business-like manner. The best part about the whole transaction is that after having sold an average of \$571 worth of strawberries from each acre of ground they will still own the land. And yet, the probabilities are that before the organization of the association and before making the arrangement for marketing the strawberry crop the owners of the land planted to strawberries would have been willing to sell it for considerably less than \$571 per acre.

With the present outlook for White county for 1927 we expect anywhere from 700 to 1,000 cars to move along the lines of the Missouri Pacific and Rock Island Lines. Most all berries are grown along the lines of the Missouri Pacific Railroad with one exception at Griffithville, Arkansas, where they grow around five to ten cars per season. With
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HAS SEED LABORATORY JUSTIFIED ITS SUPPORT

(Continued from Page 1)

farmers have been ruined. A crop planted in due season with reliably tested seed may prevent such damage. It is obvious that seed testing for germination value is of the utmost importance, though the exact value of such information cannot be known.

The quality of farm-crop seed harvested in the fall of 1925 was, on the average, decidedly inferior. This was especially true of cotton seed. Approximately eight hundred samples of cotton seed were tested for germination prior to planting time last spring and about three hundred of these were from stocks that were unfit for planting. Two hundred were "fair to middling" and the other three hundred were from stocks that could, with safety, be used for planting purposes. There is no way of knowing how much, in total figures, these cotton seed samples represented, but it is safe to say that if all the seed represented by 700 samples handled by the laboratory had been planted, untold losses would have been sustained in time, labor, and partial or total failure. It is only fair to say that the Arkansas State Seed Laboratory rendered incalculable service in making the eight hundred germination tests of cotton seed.

Another phase of seed testing whose value is difficult to measure is that of making official tests and analyses of seed stocks which are handled by the seed trade. Official inspectors of the Bureau of Mines, Manufacturers and Agriculture collect and send to the laboratory samples of commercial seed stocks where found in the hands of retail dealers in all parts of the state. All such stocks are required by the Pure Seed Law to have analysis tags attached, showing percentages of purity, germination with date when made, weed seed, noxious weed seed, if any, and the name and address of the seed vendor. The State Seed Laboratory makes purity analyses and germination tests of these samples and the results are checked with the information shown on the tag.

What are the benefits of these official analyses? First, they compel the seedsmen to label his seed correctly, if he has a reputation for reliability and integrity which he wishes to maintain. This enables the farmer, who has to buy his seed, to know exactly what he is buying and approximately what portion of a bushel of the seed will come up when planted. He can tell at once whether he will plant any of the noxious weed seed, or any other seed and how much. Second, if the buyer wishes, he can send a sample of the seed to the laboratory and find out from what he knows to be a reliable source whether the seed is as it has been represented on the tag. The fly-by-night seed dealer, who, by the way, is still operating in Arkansas, and who in times past has reaped unjust profits from unsuspecting farmers, is discouraged in his unlawful business and eventually is driven from the state. The farmer, incidentally, learns that there is no such a thing as "seed bargains" and he looks with suspicion on such catchy headings as "Cheap High Quality Seed."

A third benefit of official analyses grows out of the publication of these analyses. The Commissioner of Mines, Manufacturers and Agriculture, of whose department the State Seed Laboratory is a part, may publish the results of this official work. This certainly will have the effect of making all seedsmen tag their shipments properly and correctly. Scrupulous and honest seedsmen will do this at any rate, but the unscrupulous seedsmen is unwilling for a state to have a seed law rigidly enforced and he does not want to tag his seed shipments. Furthermore, he dislikes the idea of

having his seed analyses printed alongside that of the State Seed Laboratory, for he knows that it will not be long until the public knows of his deceit and fraud. He will of necessity hunt other sections where the restrictions are less severe and where he can find markets for his no-account stocks of farm-crop seed. The farmer is the beneficiary of this practice and the results are seen in the form of better stands, larger yields, higher quality, and more money return on investment, time and labor.

Seed analysis, official and unofficial, under the present Commissioner of Mines, Manufacturers and Agriculture, W. N. Winkes, has been of far more value than it has cost the state to maintain the laboratory service. The farming interests are learning more and more, as the laboratory continues to operate, that seed testing is a vital part of the farm program. They are taking advantage of the free seed testing service in increasing numbers and they are realizing more and more what quality seed means. In due time the slogan, "Use reliably tested seed of known origin," will have been adopted by the majority of Arkansas farmers.

Seedsmen are exercising more care in tagging their shipments properly, knowing that the State Seed Laboratory will likely check up on their analyses. Lasting benefit has been accomplished for the farming public already, and much more will be accomplished in the years ahead. Arkansas farmers endorse the Pure Seed Law and are in favor of its rigid enforcement. They have come to know that they can depend upon their own seed laboratory for reliable and impartial tests of their home-grown seeds.

The growth of the laboratory work during the past few years is an index of wide expansion in the immediate future. In another year or so the seed testing service will have doubled or trebled. Larger quarters and added equipment and more clerical help will have to be provided. The officials of the College of Agriculture, University of Arkansas, have already provided ample quarters and equipment in the New Agricultural building, which will be ready for use next year. It is confidently expected that the legislature at its coming session will provide maintenance in keeping with the growth and expansion of the seed testing service.

DIVERSIFICATION OUR HOPE FOR 1927

(Continued from Page 1)

keeps down the cotton acreage and thus increases the returns from the cotton crop, for a small crop always brings more than a large crop.

Arkansas farms and their owners will be richer when soy beans and cowpeas are more widely grown and these are used to feed to hogs and cattle. There will be more living and less hand-to-mouth existence when every farm family has several good cows, a flock of hens, and a good brood sow, and feed to feed these. The expense of the family can be reduced, the health increased and money obtained for the purchase of some of the luxuries by the planting of small amounts of truck and fruit crops which are adaptable and for which there is a market.

Times like this emphasize the value of the little things on the farm—little sources of income which are neglected when prices for our greatest money crop is high. The man who never neglects these seemingly small things is the one who has money in the bank and who helps to carry a neighbor who becomes poverty stricken, because he has failed to see the value of the smaller things.

Prosperity and contentment will reign

on Arkansas farms when the owners of these farms grow feed and food to meet their own needs and then provide several sources of money income for the farm, and there is no place where it is easier to do this than in Arkansas.

DOES CLUB WORK PAY IN DOLLARS?

(Continued from Page 1)

Take, for instance, the table showing the 13-year average yield of corn per acre by club boys and that by the state at large—39 bu. as against 18.7 bu. Then consider the fact that there are around 2½ million acres planted to corn each year in Arkansas and that the average gain in bushels per acre by club boys over that of the state is a little over 20 bushels and just do a little multiplying and you'll find what the state could have gained each year in bushels of corn had it produced an average yield equal to that of club boys. Just make it \$1.00 per bushel and you'll have the gain in dollars—just multiply what you have by 13, the length of time the record has been kept, and you have more dollars than any mind is capable of thinking of.

But, maybe you doubt the correctness of the yields made by boys and, if so, let me ask you to study further the 13-year average yields by boys and the state and notice how they run in *parallel lines*—as one goes up the other goes up, as one goes down the other goes down and this means that the system of keeping records by club boys is as accurate as that used by the State and National Government. The boys have told the truth.

Take the 8-year average yield of cotton per acre by club boys and the state and you will find the same ratio—about two to one in favor of the boys as it is in the production of corn. You will also notice that the yields of both run in *parallel lines*—the one going up or down as does the other which again proves the accuracy of the boys record.

You will notice the same trend in the production of Sweet and Irish Potatoes.

Now, what does it all mean? Does a 13-year record mean anything for Club Work or Extension Work? Does it really pay in dollars? But it is not from the *dollar* standpoint that we would have you measure the real lasting and worthwhile results of 4-H Club work among boys and girls. Club work is primarily educational and the boys and girls are getting this practical education in and before their "teens" which means they have 40 to 60 more years to use this valuable knowledge. Think what all of this will amount to in extra dollars earned or produced by the thousands of boys and girls who are now engaged in this work and who will be in it in the future. You just can't measure the goal in dollars or in an educational way. The *best* seed is often sown where we least expect it, and this is true of club work.

Won't you please consider these facts and then consider a *long time* the farm boys and girls in your county before you say—"We don't believe in *Extension Work* or *Club Work*?"

GROW STRAW- BERRIES FOR PROFIT

(Continued from Page 1)

cotton at the low price, the profits from berries in the White county district will be of great help for the spring 1927. Berries can be grown at a good profit at \$2.50 to \$3.00 per 24-quart crate, when we have the proper seasons like the past summer has been. Will be glad to answer any questions pertaining to berries from any one interested.

UNITED STATES FARM RADIO SCHOOL.

By E. B. MATTHEW.

The farmers of the United States are going to school by way of the radio. The school is conducted by the United States Department of Agriculture. Systematic courses in livestock, poultry, and dairy management are offered over a number of the best radio stations. Some broadcast these lessons at the noon hour and others in the evening. This radio school deals with all phases of livestock, poultry and dairy problems in a series of 24 short courses of eight lessons each. The farm will be the student's laboratory. Each farmer regularly enrolled is a student in this great radio classroom where concise, timely lessons which dovetail with the daily farm work, will be presented in an attractive style by foremost agricultural authorities. Students will be given a close-up of Uncle Sam's recent investigations and recommendations which may be applied to their business. Laboratory assignments will necessitate, putting into practice the subject matter taught. Each radio short course will be supplemented with printed copies of radio talks and a list of bulletins. Certificates signed by the secretary of agriculture and respective chiefs of the bureaus sponsoring the course will be issued to students. There is no charge for any of the services mentioned.

In addition to the farm school, the Department of Agriculture puts on the air other farm features which are interesting and instructive. These are "Weekly Letter to Dad," "Autobiographies of Infamous Bugs and Rodents," "Farm News Digest," "Housekeepers' Chat," "Primer for Town Farmer," "Chats With the Weather Man," "With the Agricultural Economist," and "Fifty Farm Flasher."

While these lessons and programs may be received over a number of stations, KTHS at Hot Springs is the authorized station for Arkansas. This information from the United States Department of Agriculture may be received at the luncheon hour, 12:30 to 1:30, over KTHS.

By sending in the following coupon with courses checked, to station KTHS, supplementary lesson sheets and bulletins will be received from the Department at Washington from time to time. U. S. Dept. of Agriculture, Washington, D. C.

Please enroll me in the courses I have checked and send me printed lectures and bulletins on subjects scheduled.

Livestock Courses.

Livestock breeding _____ ()
Animal health and sanitation _____ ()
Meats; production, canning, use _____ ()
Livestock equipment _____ ()
Feeding farm animals _____ ()
Livestock, barns and shelters _____ ()
Hides, wool and mohair _____ ()
Work horses and mules _____ ()

Poultry Courses.

Selecting poultry breeding stock _____ ()
Incubation; natural and artificial _____ ()
Lice and mites on poultry _____ ()
Care of poultry flocks _____ ()
Common poultry diseases _____ ()
Brooding of chickens _____ ()
Poultry houses _____ ()
Preparing fowls for exhibition _____ ()

Dairy Courses.

Dairy herd selection and improvement _____ ()
Feeding of dairy cattle _____ ()
Dairy buildings and equipment _____ ()
Common diseases of dairy cattle _____ ()
Production of good milk _____ ()
Marketing dairy products on the farm _____ ()
Problems in dairy cattle breeding _____ ()
Dairy herd management _____ ()

There are (number) _____ farms in my school district; of these _____ have radio sets.

Name _____

Address _____

HIGH OR LOW GRADE SEED—WHICH?

By JOHN E. CASEY.

There are so many things to be said in favor of high grade farm crop seed as against low grade seed that the writer quotes below different authorities on the subject of "Quality Versus Price," as related to farm crop production.

"Cheap seed is dear at any price and high grade seed is cheap at any price."

"Be more interested in quality than in price. The best seed will result in the best crops, which in turn will bring the best profits. There is no such thing as a 'seed bargain.'"

"Which is cheaper, inexpensive seed with lower germination and purity or higher priced seed with higher germination and purity?"

"Our firm (a seed grower), has always made quality a first essential in our growing operations, but we have to admit, and this with great reluctance, that good stocks cannot be produced at the price at which 99 per cent of the buyers want to purchase."

"Soil of the highest fertility, climate and weather the most favorable imaginable the most thorough-going and experienced knowledge and skill in crop growing, and all these combined cannot produce a product of higher excellence than the qualities which are latent within the planted seed, make possible."

"If seeds to be planted do not have viability, all other favorable conditions cannot produce a crop. The quality of the seed transcends in importance all other factors of crop production. This, however, does not mean that in cases of disappointment the seed use is the principal cause of failure, or partial instead of complete success. All conditions and circumstances must be carefully and fairly surveyed before attempting to fix the cause of any adverse results."

"As a man sows, so shall he also reap. No amount of soil fertility, no amount of cultivation, no amount of care which you give the seed is going to compensate in yield for a seed of inferior quality. It may be the limiting factor in production, and that is why people are becoming educated to an appreciation of good seed."

"There is need in this country for a more decided improvement in the quality of seed so that they come from high yielding stocks or plants. It costs more to produce high grade seed but it is difficult to have the farmer appreciate this fact and make him pay the price for it. A cheap seed of poor quality and low vitality is dear at any price; good seed is the cheapest in the long run."

"Quality will be remembered long after price is forgotten. The seed business is such that customers depend upon the integrity of the seedsmen when placing orders. The business differs from other lines of business in that seed merchandise does not disclose its quality on inspection as in many other lines where an ordinarily discriminating buyer may determine the quality of the goods at sight. A seedsman should be more than a mere handler of merchandise. He should safeguard the interests of his customers by taking reasonable precaution that the stock supplied is of such quality as will merit the trust placed in the seedsman. 'We owe it to our customer to secure our supply only from reputable sources.'"

"The jobber should demand from the grower the best and should encourage the grower by paying a fair price for a choice product. The retailer should buy only from the jobber who handles stocks of proven merit, and pay a reasonable price therefor. The farmer in turn should not object to paying a fair price for seed stock that he knows to be good."

"A customer secured by cut-prices is not likely to become permanent. He will more likely be a bargain hunter and place his next order with the cheapest source. Whenever both buyer and seller do not make a profit it is poor business. We all want quality but are

we willing to pay the price? We usually get what we pay for. The most successful houses are those that have always made quality their first consideration. The habitual price cutter in the seed business is usually in financial trouble and practically every financial embarrassment has resulted from this method of business. Seed merchants should be willing to handle nothing but that on which they will stake their reputation. We should always insist on quality and be willing to pay a fair price for it, and in turn demand from our customers prices consistent with quality."

"It is important to plant only reliable, high quality seed. Too often the man who is buying seed, places too much emphasis on the price, rather than becoming concerned about the quality, which is without question the most important factor in determining what the return and profits from any crop shall be, provided all other conditions are favorable. Too often the difference of a few cents a pound in the price of two lots of seed may blind him to the possible fact that there may be a difference of several dollars in the returns and in favor of the crop from the higher priced seed. However, it is not intended to say that the higher priced seeds are always the best. It is only desired to emphasize that no comparison of prices can be of any advantage until the quality is known from actual examination of purity, germination, weed content, appearance and other factors which determine quality."

"One hundred bags of seed, 98 per cent pure means that two bags out of the 100 are lost. If in addition to this there is the usual 75 per cent germination, another 25 bags is lost, leaving but 70 to 75 bags of seed returning production. Add to this the foreign seeds which average ten kinds to the sample. If there are but three foreign seeds in five grams, this means 270 weeds in one pound. It is an easy matter to multiply this into bushels and then calculate the number of weeds per square foot or rod or yard when seeded."

"There is a difference between 'growing' seed as a seed grower and 'saving out' some seed for planting, as some farmers do."

"Quality of seed is important but, with the improvement of quality, must come a corresponding increase in price. The cost of breeding and producing high bred seed or high grade seed is higher than the production of 'just seed'. This necessarily increases the overhead expenses and seed growers cannot afford to continue to produce high quality seed unless the consuming public is willing to pay this increased cost of production. Retail seed dealers are in position to help greatly in this matter. They should insist on quality, pay the price and then in turn educate their customers to the fact that the few additional cents they pay for good seed is more than repaid by the additional yield of a high grade product. It will not take long before a good seed retailer who insists on quality seed will have satisfied life-long customers."

Arkansas Farmers Should Use Their Seed Laboratory.

Not all farmers in the state are availing themselves of the protection offered them in the Arkansas Pure Seed Law. Nor are they all taking advantage of the Free Testing Service of the State Seed Laboratory for determining the germinative ability of their own farm seeds. In buying farm seeds, all the farmer needs to do when making his purchase of seed is to demand that he be furnished with a complete analysis of the seed. He can then decide whether the seed meets his requirements and if he buys, he can have something definite upon which to base a claim against the seedsman, should the seed fall short of expectations. Without this statement of analysis from the dealer, the farmer has little hope for redress.

The State Seed Laboratory will test, free of charge, a sample of farm seed grown or purchased. Size of sample, an ounce to two pounds, depending on the kind of seed. Address the State Seed Laboratory, Fayetteville, Arkansas.

CONTEMPLATED WORK OF STATE VETERINARIAN.

By JOE H. BUX.

Dynamite eaten by some cattle causing their death and the discovery of a thread-like worm in a hen's egg illustrates the difficulty of planning definitely for the initiation and inauguration of measures for the suppression of livestock losses due to the large class of miscellaneous diseases and conditions encountered either rarely or somewhat infrequently annually. This group includes, among others, plant and mineral poisoning, irregularities in feeding, pneumonia, tetanus, glanders, rabies, distemper, strangles, lumpy jaw, etc. Inasmuch as the control of many of these is largely dependent upon the observance of proper measures by stock owners themselves, contemplation of future work of this character is predicated on the co-operation of stock owners in the initiation of known approved general basic practices in disease prevention, such as selecting of healthy foundation stock, well drained building sites, pens, runs, etc.; construction of buildings to permit access of maximum sunlight and adequate ventilation, pasture rotation, provision of variety of sound feed, regular salting, abundance of pure well or spring water, frequent removal of manure, rubbish, etc.; occasional disinfection of places not exposed directly to sunlight; and prompt disposition of all dead animals by burning. In addition, specific recommendations will be made from time to time in conformity with conditions as disclosed by investigation or otherwise.

However, several projects because of their nature or extent do lend themselves to making certain recommendations or plans in addition to the preceding and are submitted hereinafter.

Anthrax.

The administration of some of the approved methods of vaccination in February or March for all animals in known infected districts is sound practice. It is very apparent that there will be a disinclination to follow this procedure this year for the reason that this disease has not been prevalent during the past two seasons. Should the disease actually appear, all animals should be vaccinated, sick and dead animals protected from flies by means of burlap covering to which some of the fly repellents have been added, and all dead animals vaccinated for the purpose of comparing the efficacy of the various vaccines in use.

Hog Cholera.

Safe production of hogs in Arkansas absolutely demands that all pigs be vaccinated with serum and virus at weaning time or sooner if cholera is prevalent. A note of warning is sounded in that the period of greatest seasonal prevalence of cholera in Arkansas is just approaching and that conditions during the latter part of 1926 indicate that cholera may be very prevalent during the early part of 1927. Efforts will be made to secure the proper vaccination of all shipments of hogs moving from one part of the state to another in conformity with a regulation promulgated some time ago as movement of hogs is one of the greatest factors in the dissemination of hog cholera.

Tuberculosis Eradication.

Strict supervision of all importations in requiring the application of the tuberculin test by properly qualified veterinarian, co-operation with municipalities testing cows furnishing milk to the city, continuation of the testing of pure-bred dairy and beef herds under the accredited herd plan will be continued for the purpose of locating the centers of infection and diseased animals when located in such centers to be promptly destroyed.

Control of Parasites.

In addition to pasture rotation, there are two parasitic diseases of animals common in Arkansas which are of sufficient importance and for which known procedures may be followed in reducing losses, namely, stomach and nodular worms of sheep and the common round worm of swine. The administration of one per cent copper sulphate solution

at stated intervals for the former as described in Farmers' Bulletin No. 1330, U. S. Department of Agriculture, is approved. The control of common round worm among hogs in accordance with the McLean County System briefly provides that the teats and udders of sows about to farrow should be washed with soap and water and the sows removed to clean ground until the pigs are farrowed and about 12 weeks of age.

Contagious Abortion.

This disease is very rare in the state at this time according to best information available, and is confined to a few herds of improved breeding and dairy centers. Efforts are being directed toward the further importation of this disease by requiring that all importations must successfully pass a blood test showing freedom from this disease applied by state or recognized commercial laboratory, and toward specific recommendation of inauguration of strict sanitary regime in known infected herds found within the state.

Tick Eradication.

It is planned that this project will be continued in a liberal number of counties comprising a group bordering the present quarantine area, and that with proper co-operation such an area to be ready for release from Federal quarantine at the close of the year.

The projects of tuberculosis eradication, tick eradication, hog cholera, are administered in co-operation with the local representatives of the federal bureau of animal industry.

YIELD PER ACRE SHOULD BE INCREASED.

By EARL KILPATRICK.

The net profit and the cost per bushel or pound is in direct ratio to the yield per acre. A low yield is generally produced at a loss while a good one yields a profit if expenses are at all reasonable. These statements are borne out by a recent report of the Division of Crop and Livestock Estimates and by the practical experience of successful farmers.

The report just mentioned covers the cost of producing cotton on more than 1,400 farms during the year of 1925. The farms are classified according to the yield per acre. On 277 farms that produced 246 pounds of lint, or practically a half bale per acre the cost per pound was 13 cents. As the yield increased above a half bale the cost per pound decreased until on 31 farms that averaged 600 pounds lint per acre, the cost was only eight cents per pound. As the yield decreased the cost per pound increased until the cost ran to 31 cents per pound on 79 farms that averaged only 89 pounds of lint per acre.

Low yields with the corresponding high cost per unit will keep the average farmer in poverty. Cotton acreage should be cut on most of the farms. Good seed should be used along with the best of tillage so that high yield can be made. This will leave room for other profitable crops. A good rotation with high yields will do much to solve the financial ills of the Southern farmer.

A few weeks ago a farmer had his hogs vaccinated. While the work was being done two of the number got away and could not be caught. Later these two hogs died and all the vaccinated ones lived, according to Dr. H. E. Fry, inspector in charge, hog cholera control.

"A good illustration that vaccination against cholera is on a sound basis, and the only known preventative against this dread disease. This demonstration has done more toward inducing other farmers in that locality to vaccinate their hogs than anything else. Hog cholera is just as dangerous now as it ever was, and requires prompt action to stop extensive losses.

"Vaccinate in time and save the entire herd. Vaccinate too late, that is after the disease has started and save less than fifty per cent. Vaccination is a preventative, not a cure. Therefore, in order to obtain the best results, well hogs should be treated."

ARKANSAS FARM AND MARKETING BULLETIN

Published Monthly by
W. N. WILKES
Commissioner of
**Mines, Manufactures and
Agriculture**

All patrons of the Department of Agriculture should bear in mind that the Department does not handle any cash transactions, and no checks or remittances should be sent to the Department. The Department's function is simply to get the buyer and the seller together and they effect their own transaction. Under no circumstances do we assume any responsibility whatever in any transaction that may be perfected through information furnished by the Department. Should the Commissioner know of any fraudulent transaction he will make public the names of the parties and the transaction. If this Bulletin has been the means of bringing interested inquiries to you, you at least owe it to us to answer every inquiry even though your products have been sold or your wants satisfied. **IMPORTANT**—Space permitting, ads will be published in one issue without charge.

HOW TO BUY FARM CROP SEED

By JOHN E. CASEY.

THERE are two methods employed by farmers generally when making purchases of farm crop seed. One method is to exercise care and use all means available for knowing the history of seed production and to study analysis tags on seeds that are offered for sale. The other method is to be indifferent with reference to quality and to have no care as to what appears on seed analysis tags.

It is time now to be planning the crops for the coming season. It is the inventory time of year, and as we take stock of what is on hand, what the profits, or losses, have been the past year, we must look ahead and plan for improved business on the farm for the coming crop year. The "leaks" that occurred on the farm in 1926 should have been discovered by this time and means for stopping them should be a part of the program for the year 1927.

One of these "leaks," a factor seldom thought of by the average American farmer, is the use of unsound, impure, low-quality, trashy, farm crop seed. Too many farmers follow the method of buying planting stocks on the basis of price rather than on the basis of quality. A large number prefer to use low-quality seed of their own raising to purchasing a high-quality product off a neighbor's farm. The one method entails no money outlay while the other necessitates paying the purchase price. The idea seems to prevail that it is cheaper to use the grown product of low quality, or to buy seed of the lowest price, than it is to pay a higher price for seed that can be depended upon to be free from weed seeds and trash and that will germinate quickly and make vigorous plant growth. "Which is the cheaper, inexpensive seed with lower germination and purity or higher priced seed with higher germination and purity?"

The crop last year may have been only half of a crop. The soil may have lacked fertility or the weather conditions may have been unfavorable at the time of planting. There may have been too much or too little rain during the growing season. If there was total or partial failure, weather conditions or lack of plant food, or both, very likely contributed their share of the failure. But how much of this failure could be attributed to the purchase and use of poor, worthless seed? How many farmers in Arkansas last year made a half-crop who had neighbors that made three-fourths of a crop? The difference could have been in type and fertility of soil or in methods of cultivating the crop. Or the difference may have been in the quality

of seed planted. The latter practice is followed more often and more generally than most people think. Cheap or low priced seed of low vitality will come up to a poor stand and the plantlets that do get a start in growth will get off slowly and be delayed in maturing a grown plant. The resulting mature plant will mature a low yielding product. Cheap seed of low vitality is a "leak" in the business of farming.

The farmer who made three-fourths of a crop where his neighbor made only one-half of a crop doubtless used a higher grade of planting seed. He knows that it is as important to plant pure seed as it is to raise pure bred livestock. He knows that when he plants high-quality seed it will germinate readily and produce a rapid-growing, vigorous plant that is more able to "stand" the dry spells or the prolonged dry weather. Healthy, vigorous, quality seeds send their roots farther into the soil and the healthier, more vigorous plants are the natural consequence. They are in touch with moisture that the weaker plants with weaker root systems cannot reach. The harvest from seed of this type, if other factors have been favorable, will be in the neighborhood of 100 per cent. Good, viable seed of known origin will stop one of the "leaks" in the business of farming.

"Farmers in Denmark are considered the most successful farmers in the world. A large share of their success can be attributed to the use of good seed. The term 'good seed' as used by the Dane means seed true to name, of the best yielding ability, high in germination and free from seed-borne diseases. The Danes use only the best seed and the dealer who sells inferior seed cannot survive the keen competition for good seed caused by the demand of the farmers themselves. Their Seed Testing Station takes samples of seed stocks, analyses them for purity and tests them for germination. This service reaches every Dane farmer and they use it to their advantage. It has meant a great deal to the agricultural prosperity of Denmark." American farmers could very well follow the example set by our prosperous Denmark neighbors.

A farmer this year may be planning to buy a part or all of his planting stocks. Another is not planning to buy any seed at all, though his stocks are such that he should buy his entire supply. His seed has "run out" and he has been in the class of failures. Another farmer should buy new seed this year because that which he raised last year has a lot of undesirable and noxious weed seed in it. Another will buy clover seed, one will buy alfalfa, some will buy timothy and so on, because such seeds are not saved in Arkansas. For one reason or other Arkansas farmers will spend thousands of dollars this year for planting stocks.

It is a good time, before the season starts, to stop a "leak" in the farm business. If a partial or total failure is registered on your farm next fall, do not let it be said that it was caused by the use of cheap, no-account seed. You will not be able to get rain when it is needed, perhaps, nor will you be able to stop too much of it. You may not have as much soil fertility as you would like to have. Your yields for one reason or other may fall below expectations. But there is one contributing factor to partial or complete crop failure that is in your power to control. That is the kind of seed you plant this spring. Buy only the best seed. It will cost more but it will pay manifold. "Cheap seed is dear at any price; good seed is cheap seed in the long run."

Buy good, high-quality seed from reliable Arkansas dealers. Be willing to pay a reasonable premium for the service

THE AGRICULTURAL SURPLUS

By E. B. MATTHEW.

Why is there an agricultural surplus? Despite the fact that farmers are abandoning their farms and recruiting the already overcrowded cities, still we have a constant cry of overproduction. Statistics show that in Arkansas alone there have been 10,000 farms abandoned in the past five years. Counting an average of four persons to the farm, it means that 40,000 people have migrated to the various cities of Arkansas and other states. This exodus doubtless holds true in other states. In spite of all this curtailment of production, we have enough and to spare. Have you ever thought that the cause of this agricultural surplus could be traced to the automobile as we trace so many other changes in our modern life? Motors are replacing horsepower in an ever-increasing degree.

Now, the horse lives on farm products. While the gas engine eats mineral products in the form of gasoline. Every horse released from duty by an automobile, truck, or tractor, adds grain and hay to the already over supply of these products. A check-up by the United States Department of Agriculture shows that in the past five years the number of horses and mules on the farms has been reduced 12 per cent and in the cities by 30 per cent. In Arkansas alone it is estimated that there are fewer horses and mules today by 40,000 than five years ago. Now, one horse will eat as much as five men. Therefore, by releasing 40,000 horses from duty, 200,000 more people could be fed in the city with the same farm acreage. In order to equalize production and consumption we can increase our city population in Arkansas by a quarter of a million and still have enough for all.

One of our problems, therefore, is to find employment for these city folks in order that the farmer may find a market for his surplus. This means that the farmer should encourage the development of water power and the introduction of manufacturers and other industries that will give employment to Arkansas people and furnish a home market for his products. One of the solutions of the farm problem is more city folks. This can be brought about by more manufacturing industries, more mining, more lumbering, and this in turn can be accomplished by the development of our water power, our oil and gas fields, and a proper utilization of our other natural resources. Let us not, therefore, view with alarm the shifting of our population, but rather let the farmers study the economic and social situation and adjust his farming program to meet this changed condition.

behind the quality. Ask for the analysis tag, if not shown one. Buy carefully, which means study the analysis tag for purity and germination. Buy no seed that does not have the analysis tag attached. You might pay a high price for cheap seed. Know what good seed is. If you don't, write the analyst at Fayetteville for standards of germination and purity. Do not send out of the state for cheap, "bargain" seeds of unknown kind, origin, viability and purity. Buy from Arkansas dealers and growers who are held responsible under the Arkansas Pure Seed Law for the tag analysis on seed containers. Consult the State Seed Laboratory for any information concerning seeds, dealers, seedmen, and jobbers. This may save you money and prevent crop failure. Send samples of seed to the State Seed Laboratory for purity analyses and germination tests. Arkansas farmers have this service at their command, free of cost.

Fayetteville, Ark., Jan. 1, 1927.

STATE PLANT BOARD NOTES.

Over five hundred carloads of Concord grapes, about half the total crop of northwest Arkansas, were given federal-state inspection before being moved. Practically all of these rolled under U. S. No. 1 certificates, this being made possible on account of the high quality of the crop.

The State Plant Board co-operates with the United States Bureau of Agricultural Economics in giving this service to shippers of fruit and vegetables. The work is done at actual cost, there being no state appropriation available. The cost to the Springdale associations, for whom the bulk of the work was done this year, was under three dollars per car. It has been demonstrated that Arkansas can grow many kinds of fruit and vegetables successfully. The main difficulty has been to market them profitably, and the federal-state inspection service, by standardizing the pack, has proved of value in this respect.

Shippers of apples and sweet potatoes will be able to get U. S. inspection on these products this year, even though they have only a few cars to be graded, as the State Plant Board now has in its employ Mr. J. E. Wiles of Ward, who is authorized to give the federal grades on fruit and vegetables. The cost of this work will be around eight dollars (\$8.00) per day. Heretofore this work could be undertaken only when there were a large number of cars to be inspected, sufficient to justify the assignment of a federal supervisor. Shippers interested in this service should write to the State Plant Board, Little Rock. When not needed for fruit and vegetable inspection, Mr. Wiles will be engaged in nursery inspection work.

A crew of six men is now making the final field inspection of nurseries. Special attention is being paid to those who failed to clean up their premises in the summer. Several thousand trees have already been destroyed by inspectors on account of San Jose scale.

Results of sweet potato inspection show that only one acre out of every five has been approved for certification, the remainder being too badly diseased. The stem rot disease seems unusually prevalent this year.

The Arkansas Pecan Growers' Association will open its second annual meeting at the Marion hotel, 9:30 a. m., January 14. The principal speaker at the meeting will be Mr. J. Slater White of Cairo, Ga. Mr. White is regarded as one of the best posted practical pecan growers of the South. From the interest manifested throughout the state, it appears that the pecan culture is rapidly increasing.

QUARANTINE ON NARCISSUS BULBS

By Paul H. Millar.

A quarantine on the inter-state shipment of narcissus bulbs has been announced by the U. S. Department of Agriculture. This quarantine became effective July 15, 1926.

Hereafter all shipments of narcissus bulbs going from one state to another must be inspected before shipment and disinfected if necessary, as no bulbs will be accepted by postmasters or express agents unless an inspection certificate is attached. This includes daffodils, jonquills, the common paper whites and the so-called Chinese sacred lily.

The interstate quarantine is an attempt on the part of the Federal government to check the spread of three imported pests of narcissus, namely, the greater and lesser bulb flies, and the bulb ellworm, which are already doing considerable damage in all the important narcissus growing centers of this country.

These pests have not yet been found in Arkansas. However, the bulb nematode, which also attacks clover and alfalfa, has been recently found in Kansas on the latter plant. The lesser bulb fly is also an important pest of onions.

This quarantine will affect few Arkansas florists and nurserymen, as few narcissus are grown by them. The State Plant Board, Little Rock, has been designated by the Department of Agriculture to make the inspections necessary to secure a certificate, and all growers planning to ship narcissus bulbs out of the state should get in touch with the Board immediately. Cut flowers of narcissus need not be inspected.

HOW AN ARKANSAS COMMUNITY DEVELOPED THE POULTRY INDUSTRY

By E. B. MATTHEW

FROM 200 good producing hens to 5,000 pure-breds in three years is some increase, but this is just what happened in the Sheridan community in Grant County, Arkansas. Three years ago when Mr. A. R. McKenzie started Smith-Hughes work in the Sheridan school a survey was made which revealed a total of two hundred pure-bred fowls. Each farmer of course had a few mongrels which he fed all winter without production for the few eggs they laid during the spring and summer.

Winter egg production was as much out of the question seemingly as the growing of cotton in January. When the vocational boys bought 60 pure bred hens and paid two dollars each for them it attracted considerable attention to the project and more talk. These birds were housed on the school campus and cared for by the vocational boys. Strange to say, they began to lay in November and continued in good production throughout the winter. Before the year was over these sixty hens had paid for themselves and left some pin money for the boys who attended them. This was the beginning of the pure bred poultry industry around Sheridan. At the present time the farm flocks number from a dozen to a thousand or more.

Mr. G. N. Shoemaker, owner of one of the largest flocks, started a year ago last spring with a thousand baby chicks. From these he raised 365 pullets. These pullets began laying a year ago last November. Records were kept on them for a year. When the books were balanced last November it showed that a profit of \$900.00 over and above feed cost had been made by the 365 hens. Today, Mr. Shoemaker has 1,100 hens producing in the winter months an average of 40 dozen eggs per day at a daily feed cost of \$6.75.

"It seems to me," said Mr. Shoemaker, "that a partial solution of the cotton problem would be 200 good hens on each farm. These hens would pay the entire expenses of the average family and leave whatever cotton might be produced as a clear profit crop."

Mr. Smith Perry is a student in the Sheridan High School. He is in partnership with his father. When invited to make a statement of how he got into the poultry business he replied: "My first purchase was a trio of Leghorns when we were living near Knoxville, Tennessee. But just as I began making plans to start a Leghorn Farm, father decided to move west. We first settled in Texas then moved to Arkansas. After moving here I first purchased 30 hens and three cockerels, but I found that these were not the right kind. So they were sold. I then bought some baby chicks from a neighbor who had a well-known strain. From these chicks I raised 40 pullets. A record was kept on these pullets for five months which showed the following results:

Month	Flock	Daily average production	Average per hen
February	631	22	15
March	752	24	18
April	800	26	21
May	783	25	20
June	616	20	16

"To be sure this five months' record was during the flush laying season. The reason a yearly record could not be kept was that for the remaining time the pullets were kept with the hens.

"From the pullets raised from the forty hens I selected 50 pullets and entered them in the State Egg Laying Contest. In this contest I won second place with a grand total of 4,502 eggs laid during the five winter months. The production receipts were as follows:

November 30 7/12 dozen @ \$55	\$ 16.82
December 78 1/4 dozen @ .525	41.07
January 76 11/12 dozen @ .425	32.68
February 84 5/12 dozen @ .26	21.95
March 105 dozen @ .24	26.25

Total receipts \$138.77
Feed costs 62.75

Profit above feed \$76.02

"This contest was for winter produc-

tion so the fifty hens were thrown with the farm flock April 1 and records discontinued. Of all the projects I have tried while studying Vocational Agriculture I have found that I have made more money from poultry than from any other. Of course my experience is not out of the ordinary or unusual, but it does show what one can do with poultry before and after school. I know that I do not have much time for sports in school because my poultry project keeps my time fully occupied. This is my last year in high school and I am planning on my chickens paying my way through college."

At the present time there are two laying houses on Mr. Perry's place, each 20x60, accommodating 500 hens; an incubator house with a capacity of 1,200 eggs with brooders and other necessary equipment.

Mr. Perry has 50 hens entered again this year in the winter egg laying contest. He is also a member of the Grant County Fresh Egg Association. There are 30 farmers now in this organization. They market eggs under their own brand and receive a premium over the local market. "The poultry producers at Sheridan are raising not only poultry products," said Mr. McKenzie, the agriculture instructor, "but they live at home on plenty of home cured hams, fresh milk, fresh vegetables, and all those good things that grow on the farm."

BEE AND HONEY INDUSTRY NEGLECTED

RECENTLY President J. V. Ormand of the Arkansas Beekeepers Association while being interviewed by a representative of the Gazette, made the following statement:

"The exhibit of bees and honey and bee supplies in the Horticultural building at the State Fair is representative of an infant industry in Arkansas sadly neglected. Probably there is only a small percentage of the citizens of the state who realize the possibilities in bees and honey as a source of revenue in Arkansas. At this time we who live on the farms, who produce the necessities of life, and who have been depending on cotton as the main money crop, have sadly disappointed this year. If those who are inclined to work with bees would cooperate and study the possibilities they would observe that many carloads of honey are shipped into the state of Arkansas from Texas and other western states and consumed by our people. This should not be. The people of Arkansas should consume honey produced in Arkansas. No state in the Union produces better honey than Arkansas. And the forces that have to do with the educational work in agriculture should awaken and assist in the development of the honey industry in our state.

"Texas, Louisiana, Mississippi, Georgia ship to the North each year live bees in packages, which are sold by the pound—hundreds of thousands of dollars worth. In fact, one of these states ships live bees in packages by the carload to Canada. Arkansas does not get any of this business because the legislature has not seen fit to enact a law—we might say, to guarantee to the buyers of the North that they will get disease-free bees. The honey industry is entitled to have this protection. The bee keepers should have this legislation, and they should have it at the next session of the legislature. And we trust since the citizens of Arkansas have demonstrated by their vote in adopting the three amendments, which indicates their willingness to support any measure that will have a tendency to conserve and develop industry, commerce and agriculture, we feel that the January session of the legislature will enact a law that will protect and develop bee keeping in the state of Arkansas.

"We have in Arkansas an organization of bee keepers known as the Arkansas State Bee Keepers' Association. Its officers are J. V. Ormond, president, of Elba formerly special field agent in bee culture, Bureau of Entomology, Department of Agriculture, Washington, D. C.; Mrs. T. Hoekstra, vice president, Sweet Home, and H. K. Thatcher, secretary, district agent, Extension Service, University of Arkansas."

A DANGEROUS HABIT.

By ELIZABETH COLE.

"THERE is no conversation, no laughter, no cheerfulness, no sociability, except in spitting, and that is done in silent fellowship around the stove when the meal is over"—wrote Charles Dickens (and much more on the same subject) in his "American Notes" after his visit to the United States in 1842. We smile at such a statement nowadays and rather smugly comment on how far advanced is the 20th century over the 19th. And, of course, it is in many ways.

But have you ever noticed as you walked along the main streets in your city or town how many deposits of sputum you see on the sidewalks? Not a very pleasant pastime, to be sure, but truth is often unpleasant and this is a truth that needs to be driven home 365 days in the year—namely, that we have not advanced very far in overcoming the dangerous habit of spitting.

Aside from the fact that spitting is a thoroughly filthy habit its chief harm lies in the fact that it is one that threatens lives. Young children especially who play ball, roller skate, spin tops or play games on the sidewalks are in danger of picking up disease germs in the dried sputum. It has been found that from 7 to 10 per cent of the sputum deposits examined in one city contained live tubercle bacilli, the germs of tuberculosis. Influenza, pneumonia, colds, measles are other diseases that children may contract from picking up sputum on their playthings and then conveying the germs to their mouths on the hands. No one can be positive that he is free from disease for the seemingly well person may be a carrier of germs. Dr. Allen K. Krause of John Hopkins Hospital, states that during early childhood (from 4 to 7 years) almost half of the infections from tuberculosis occur. This is the age period when children are running about outdoors and can most easily come in contact with the disease germs contained in sputum.

No one wittingly kills a child. It is best to believe that those who carelessly spit on the sidewalk and in public places are ignorant of the serious danger.

Until this dangerous as well as dirty habit becomes more universally conquered the campaign to stamp out tuberculosis cannot be considered truly successful. The National Tuberculosis Association and its 1,500 state and local associations for the past 20 years have been waging a war against spitting to help in conquering tuberculosis. Their work is financed by the annual sale of the tuberculosis Christmas seal. You can help to stamp out tuberculosis by buying and using Christmas seals.

DOES TICK ERADICATION PAY?

By JOE H. BUX.

THE single township of Evening Shade could have well afforded to pay the expenses of the eradication of cattle fever ticks from the whole of Sharp county and have an excess profit, according to Mr. J. R. Edwards, a prominent merchant and stock man of Evening Shade.

He stated that the average value of the cattle dying annually in Evening Shade township prior to the inauguration of cattle tick eradication was \$2,000 and that he personally suffered a loss in one year of 150 cattle, constituting about one-third of his herd.

He further stated that the disinfection of the animals was first attempted by use of spray pumps. These were abandoned in favor of dipping vats which were not only more effective, but more convenient for stock owners, and facilitated the quiet handling of the animals.

It was found necessary, he said, to dip all horses and mules not regularly worked to secure complete eradication in a minimum period of time.

The Federal cattle tick quarantine line divided Sharp county for a time following the Strawberry river, and Mr. Edwards made the observation that cattle drifting across this quarantine line were never again found on the quarantine side; this he attributes to the increased value of \$5 each of cattle on tick free side as compared with the tick infested side of the river.

ZINC AND LEAD RESOURCES OF ARKANSAS

By J. H. HAND.

THE commercial production of zinc and lead from Arkansas attained its peak during the year 1917 when approximately 24,000 tons of zinc ore and 500 tons of lead were shipped from this field to various smelters over the country. During the three preceding years, the aggregate production was approximately 30,000 tons, being practically all zinc. A decline in ore prices in 1918 caused a slump in production which is roughly estimated at 6,000 tons for that year. Since that time the industry has been at a stand-still except for scattering prospect work. The area from which production is here recorded comprises the counties of Marion, Boone, Newton and Searcy. Deposits of zinc ore are found to be quite extensive in Baxter Lawrence and Sharp counties also, but have not been extensively developed.

Discoveries of zinc and lead in this region, date back to the early history of its civilization. In 1818 Henry R. Schoolcraft, an English explorer, made a tour through the Ozarks, of which he published a report in a London journal in 1821. In that publication, he declared the upper White river country to be "rich in zinc and lead." United States surveyors who sectionized lands in this country in 1844-45, entered foot notes on the original plats, designating certain places as "zinc lands" and others as "lead lands" in the vicinity of Yellville. In 1859, D. D. Owen, an eminent geologist of his time, was employed by the state to make a survey of this region. His report is replete with accounts of finding zinc and lead in many places, some of which he designated as being worthy of the attention of zinc manufacturers, even in that early day.

During the Civil War, the Confederate government sent detachments of soldiers into this region who mined lead for the use of the Confederate army. They erected a smelter between Yellville and White river, from which much material for making bullets was sent to the front. Union soldiers finally discovered this plant and destroyed it, while capturing those who had it in charge.

The town of Lead Hill, on White river in Boone county, took its name from the profusion of lead deposits, found at the surface in that locality, where mining was conducted in a desultory way for some time, following the Civil War. The miners would make a "clean-up" of a few hundred pounds at a time and haul it on ox-wagons 100 miles to Springfield, Mo., where the mineral was exchanged for merchandise. Only the free ore could be handled in that manner, while the greater portion of the deposits which are mixed with rock, had to be left behind. No effort has ever been made to operate the lead deposits of this region with machinery.

The present era of mining interest in this field, began about 1886 when some prospectors from the west drifted into this country and established camp in what is now known as the Rush district, where they discovered the famous Morning Star mine. At the time, they were searching for silver and, believing they had found a bonanza, erected a crude smelter of stone which now stands on their old claim. Much to their disgust when the test was made the treasure pot that had been carefully placed to catch the precious metal, remained empty while the contents of their furnace escaped in lurid hues, out through the chimney. They sold out for a trifle to local enthusiasts who had taken the mining fever, and moved on. Only a few years later, the claim was sold for \$25,000 which was a princely sum in this country at that time.

World's record for the largest nugget of pure zinc ore to be taken from the ground, is held by Arkansas, and was blasted from the side of Morning Star mountain. This rare specimen was sent to the World's Fair at Chicago in 1893, where it took first prize over all competitors on high grade zinc ore. It weighed 12,600 pounds, being highest

grade of pure zinc carbonate. Getting it from its remote origin to the railroad, 150 miles distant, was some problem, under the crude ways of those times. The nugget was rolled from the mine upon skids and drawn by 12 yoke of oxen, one mile to Buffalo river, where it was placed upon a barge, built especially for that purpose, and floated down the Buffalo and White rivers, 150 miles to Batesville. There it was hoisted upon a flat car and sent on its way. At the close of the fair, this big Arkansas prize winner was donated by special request, to the Field Columbian Museum of Chicago.

Unlike most other mining fields, the ore bodies here come to the surface, as the veins of stratas are exposed along the mountain sides. These exposures of the ore-bearing ledges are known to prospectors as "outcrops," where the miner may start digging out the mineral at the grass roots. Many thrifty miners laid by a comfortable stake in that manner, having only a pick and shovel, together with hand drills and a little dynamite for equipment. Some of the larger operations in this field have financed their way to equipment and large scale operations from the output of their diggings through development stages.

Dr. John C. Branner, state geologist, made a survey of the zinc and lead resources of this region in 1892. Unfortunately, no provisions were made for publishing his reports until 1902, when he re-visited the field and reviewed many prospects that he had formerly examined, and that had, in the meantime, been proven by further development. His reports were revised so as to cover the more recent demonstrations which he had predicted in his original findings. Branner's reports on the zinc field are now accepted as unerring authority and a safe guide to development.

Although the Arkansas zinc and lead field carries mineral deposits of marvelous extent, recognized by the most eminent authorities in the United States, yet the development of that industry has never received the encouragement that it merits from the people of our own state. Competing fields in the southwest naturally do not regard favorably any move to stimulate development here. Until the state government and her enterprising citizens become awakened to the vast possibilities for industrial development, now lying dormant in this region, the zinc and lead mining industry of the state will languish.

Development of adequate and economic hydro-electric power, through the construction of power dams on the White river, also the Buffalo and Big North Fork, all within the scope of the zinc and lead producing area, is now reasonably assured. With electric current to supply power for mining plants at low cost and to generate heat for smelting, right at the source of supply, the state's zinc and lead fields will come into their own. Heretofore, power has been the most costly feature in connection with mining operations in this region. With dependable and economic electric power available and smelting facilities made possible within the district, no other field will be able to successfully compete with the Arkansas field in the production of zinc and lead.

EATING FOR HEALTH.

By ELIZABETH COLE.

"Now Johnny," said the teacher, "if there is an argument, what do you call the winner?"

"Ma," answered Johnny!

"Ma" is certainly called the winner in most families; it is the mother or wife who usually has the final word on questions that arise in the home. Especially does she decide upon all questions of food and diet.

The housewife has a big responsibility in her meal planning for the family. Intelligence in the choosing of nourishing diet and the proper cooking of food can make or mar the health of father and the growing boys and girls. It is a big item in the health budget as well as in the family expense budget. For

from the food that is taken into the stomach we absorb our nourishment through the blood vessels. If the right foods are selected we should be healthy people. Nature cannot always do her part if well balanced meals are not eaten and while the serious results of improper foods may not be seen until later in life, they will surely appear some time.

Every normal man, woman and child needs milk, vegetables (both root and leafy), fresh fruit and products from grains such as breads and cereals. Fats, eggs, meats and sweets may appear in the normal diet in not too great amounts and depending quite a bit on whether or not one is leading an active or a fairly inactive life.

Foods provide heat and energy for the body. They build and repair broken down tissues, and give also the mineral elements and vitamins necessary to build strong bodies to resist disease.

The fuel foods are fats, such as butter, oil and milk with the cream not removed. Carbohydrates, the sugar and starchy foods also produce heat.

The energy or pep-creating foods are the breads, cereals, potatoes, rice, butter, cream fat meats which all active persons need. To get strong bodies and keep them in repair eat milk, eggs, cheese, meats, fish, beans, peas and nuts. The mineral foods are found in milk, vegetables, whole grain cereals and fruit. In the spring when some people take a tonic for that listless tired feeling other sensible ones may add more of the mineral foods to their diet and get the calcium, phosphorus and iron that would be in the tonic. There are four vitamins scattered throughout our various foods, all of which are necessary. They help to build up resistance to disease, overcome fatigue and prevent such sicknesses as scurvy, and rickets in children.

A varied diet is most necessary for us who live in a varied climate. In winter we require more meats and fats to keep warm and in summer we can be more healthy with salads and fresh vegetables and fruits. The Eskimo, for example, eats raw meats and fats almost wholly, while the African in his hot jungle lives on vegetables and fruits.

It is important for mother to see that her family eats regularly. A good breakfast too is necessary and time enough should be allowed so that it is not eaten in a hurry. Happy talk at the table will go far toward aiding digestion and the habit of eating fast can be discouraged by the mother. "Like father, like son" is seen in many families where the head of the home signifies distaste for certain foods. Then the children think they can say of milk or spinach, fish or rice pudding—"But daddy doesn't like it." Mother in this case, will feel that she is not receiving the support of her helpmate but if she is a tactful and clever person she may succeed in being a "winner" with him and convince him of the need for taking the lead in enjoying a well-balanced diet.

Proper nourishment has so much to do with the prevention of sickness that every housewife should feel her responsibility in planning the meals. The National Tuberculosis Association and its 1,500 state and local associations have found that food plays an important part in the prevention as well as the cure of tuberculosis. Their agencies will be glad to help mothers in meal planning and will recommend books that explain food values and give well-balanced menus. In other words, they will help you to "Eat for Health." The educational campaign to control tuberculosis is supported by the annual sale of Christmas seals in December.

80 ACRES FOR SALE—Five-room house, well on porch, outbuildings, thirty acres in cultivation, good garden. Cheap, with terms. C. Anderson, Formosa, Ark.

40 ACRES—Good land, 3-room house, well water. Outbuildings, plenty fruit for family use. Also will sell mule and feed. 12 miles from Morrilton and 3 miles from Solgohachia. \$1,000 with half cash and good terms. George F. White, Solgohachia, Ark.

FOR SALE—4 Jersey Giant Roosters, 1 yr. old. These are fullblood (Marcy Strain) and fine birds. \$2.00 each. Hettie M. Law, Route 2, Dewitt, Ark.

SUNLIGHT AND HEALTH.

By ELIZABETH COLE.

IF A PLANT is removed from the light it will fade. Likewise a person who is kept away from the sunlight will soon become pale and fragile. We know that light reacts on the body and keeps it healthy. We know too that light plus heat are powerful bacteria destroyers, but just how important is sunlight in our lives?

"Let there be light" was God's decree after creating the heaven and the earth, and long before Christ. Greek and Roman philosophers and physicians observed and wrote about the value of light. Hippocrates (5th Century B. C.) recognized the sun's value as a treatment for certain forms of tuberculosis and other diseases. Even today some of his theories for using sunlight as a therapeutic agent are being followed.

The importance of sunlight has been scientifically studied for years and it has been found to have a vital influence in the fields of biology, physiology and psychology. In those parts of the world where the sun's rays beat down hotly upon plant and animal life, all growth is entirely different from regions where during a large part of the year the sun's rays are less powerful. Living things, we learn from biology, owe their lives directly or indirectly to solar radiation. It is civilized man who has shut himself up in sunless habitations, transgressed nature's laws and thus become the victim of sickness and disease. For instance, rickets is a disease almost unknown in light-loving animals and doctors are now conquering this disease in babies by giving them as much sunshine as possible. Light also has a wholesome psychological effect for we think of depression and darkness together while sunshine and brightness can elevate and refresh man's mental state.

In sketching briefly the effect of sunlight on various parts of the body, we find that it reacts on the skin, the muscles, the nerves and the blood. The skin of a blonde when exposed to sunlight usually burns, that of a brunette tans. A gradual exposure of the skin to the rays of a hot summer sun must be made or there will be serious results. Some skins are more sensitive than others and the way they react is often an indication as to whether or not other parts of the body are responding favorably to sun treatment.

Our muscles respond to light in somewhat the same way that a moth is drawn to the flame. It has been found by experiments that light acts as a stimulant to these "engines" or muscular units and with proper nutrition a patient who is receiving sun treatment, even with complete rest will find at the end of several months his muscular vigor has been sustained.

In using sunlight or heliotherapy as it is called as a treatment for certain forms of tuberculosis the parts affected are exposed at first for but a few minutes a day. Then as a favorable reaction is shown more time is given to daily exposure until finally it is possible for the whole body to receive the direct rays of the sun. The eyes must be protected of course. The almost naked bodies of patients at such tuberculosis hospitals as Perysburg, N. Y.; Leysin, Switzerland; Seaside, Conn., at first cause quite a shock to observers, especially when visited during the cold winter months. Mothers, too, when advised by the doctor to place their new born babies in the sunshine at first may feel like demurring. But excellent results are being obtained with premature babies as well as normal ones by physicians who advise almost immediate exposure to the sun's rays.

That sunlight is essential to health cannot be doubted. Its value as a cure and a preventative of sickness is being more and more recognized. The National Tuberculosis Association and its affiliated associations feel that the use of sunshine as a therapeutic agent has

THE OPPORTUNITY SCHOOL.

By Willie Lawson.

An Opportunity School is one thing that strictly lives up to its name. There are thousands of men and women in Arkansas who didn't have a chance to go to school when they were boys and girls and who cannot now even so much as sign their own names. The Opportunity School gives them a chance.

Too, there are hundreds of men and women who went to school just a little and now are finding themselves greatly handicapped in the business world. They want more training in the fundamentals—reading, writing, arithmetic, spelling and business English. The Opportunity School gives them a chance.

In many communities there are mothers and fathers who went to school some twenty or more years ago and who are now out of touch with the school system. They do not understand the methods by which their children are taught and consequently are out of sympathy with the school and the school authorities. The Opportunity School gives them a chance.

A letter from an Opportunity School pupil recently came to the teacher: "I feel that I have been greatly benefited.—I want to thank you for what you have done for me and others." Another grown-up pupil said, "Our teacher takes lots of time with us."

Probably the key to the success of Opportunity School work in Arkansas is that the teachers have realized the value of the work and have given themselves wholeheartedly toward making it reach the adults who wanted it. Night after night, regardless of heat or cold, they have met these ambitious adults at the schoolhouse where they have labored away together for two hours at a time trying to make up for lost years. The Opportunity School gave them the chance.

TOO LATE TO CLASSIFY.

FOR SALE — Well improved and fully equipped farm of 160 acres; 65 in cultivation, balance pasture. New cottage, barn, rock fruit house; 3 hogs, 3 mules, sow, calf, chickens, feed, fruit, everything I have is for sale. Price \$22.50 per acre; \$2,800 cash required. H. E. Woodward, Solgohachia, Ark.

160 ACRES—For quick sale. Upland and healthy; improvements, commercial orchard. Will sacrifice for cash—might trade. Wm. J. McKinzie, Route 1, Lydalisk, Ark.

20-ACRE FARM FOR SALE—15 in cultivation, wire fence, daily mail on public highway; one-half mile school; 3-room house, outbuildings, cistern. One-half cash. Coker Bros., Route 1, Imboden, Ark.

WANTED—To take charge of small dairy on 50-50 basis. An experienced feeder and dairymen. J. E. Melton, Box 8, Dermott, Ark.

FARM FOR SALE—A bargain. For particulars, write Mrs. E. Howell, Route 2, West Fork, Ark.

FOR SALE—4 male bound pups, \$5 each; 1 female 2 yrs. old, \$10. Willie Stewart, Route 4, Booneville, Ark.

WANTED—About 1,000 fence posts, of cedar, catalpa, mulberry or creosoted pine. Heartsill Banks, Box 516, Stuttgart, Ark.

DUROC JERSEYS—Choice young Boars and Gilts, \$12.50 each; trio only \$35. Extra quality bred Gilts and Sows for March and April farrow \$37.50 up. Big boned, nine months' old Service Boars. We furnish Perigree with each hog. Plain-View Stock Farms, Marmaduke, Ark.

FOR SALE—10 very fine pure bred Ancona Cockerels and Cocks and 6 high bred black Langshan Cockerels \$1.50 each. Crated ready for shipment. Mrs. S. P. Rall, Route 3, Warren, Ark.

128½ ACRES—70 in cultivation; 40 in pasture; 3 in orchard of apples, peach, pears. Land level. Mail route; 1½ miles to school; 3 wells, good house and rent house of 2 rooms. Cheap with good terms. R. P. Jaynes, Formosa, Ark.

helped in the decrease of the tuberculosis death rate. More hospitals for the practice of heliotherapy are needed, more funds for study and research in this stupendous subject are necessary. Christmas seals sold in December are used toward the support of the campaign to control tuberculosis.

FARMERS EXCHANGE

POULTRY AND EGGS.

BABY CHICKS FOR SALE—Barron strain White Leghorns, \$13 per hundred. Brown leghorns, \$15 per hundred. Owens and Donaldson strain Rhode Island Reds, \$16 per hundred. Thompson's strain Barred Rocks, \$16 per hundred. White Rocks, Buff Orpingtons and Andalusians, \$17 per hundred. All good size purebred. These are fall and winter prices, will be lower in the spring. Remit Money Order—No C.O.D.'s or checks accepted. Shipments made promptly. Live delivery guaranteed. The Kingston Poultry Co., Danville, Ark.

BARRED ROCK COCKERELS—May hatch, E. B. Thompson strain. Stock comes from eggs costing \$20 per setting. Our price \$2.50 each, while they last. Mrs. Grace Crawford, Pettigrew, Ark.

FOR SALE—Fifty English White Leghorn pullets, \$1 each, one cockerel, \$3; one rooster, \$5. Mrs. J. C. Bridgemen, Lonoke, Ark.

RHODE ISLAND REDS—Single Comb, April hatch, cockerels and pullets, \$1.50 each. Miss. A. & M. College strain. Beautiful color. Mrs. Lee McMurry, Mountain View, Ark.

WHITE MINORCAS—Single Comb Cockerels, large type, \$3 each. Mrs. J. H. Browning, Judsonia, Ark.

LIGHT BRAHMA EGGS—Setting 15, \$1.75; 100, \$8.00; 200, \$15.00; Prepaid. Miss Lona Crouch, Hazen, Ark.

BUFF ORPINGTONS—Purebred, laying strain, pullets, \$1.50; cockerels, \$2; unrelated, March hatch, extra fine. Mrs. Pat Jennings, Rt. 2, Foreman, Ark.

WHITE LEGHORNS—Roosters 6 months old, \$1.50, or two for \$2. A. F. Schulze, R. F. D. No. 2, Mountain Home, Ark.

SINGLE COMB—White Leghorn cockerels, Tanager strain, \$2.50 each or three for \$7. Mrs. G. P. Edison, Springdale, Ark.

RINGLET BARRED ROCK—Cockerels. Heavy layers. Also setting eggs. Write for information. Cliff Height Poultry Farm, Prairie Grove, Ark.

ORPINGTON ROOSTER—Fullblood, \$3 each. Mrs. M. M. Morgan, Bay, Ark.

BROWN LEGHORN COCKERELS—Also White Leghorns, fullblood, \$1 each. N. L. Cook, Box 171, Waldron, Ark.

BROWN LEGHORNS—Single Comb and Silver Spangled Hamburg cockerels; \$1 to \$2 each. Everlaying strain. Order now. W. F. Sudmeyer, R. F. D. No. 1, London, Ark.

S. C. RHODE ISLAND REDS—Cockerels two years' old, \$5 and \$10. Mrs. Sadie Baird, Route 1, Box 5, Hoxie, Ark.

WHITE WYANDOTTE HENS—One year old. Will trade or sell. Junior Ball, Ravenden, Ark.

TOWN PROPERTY FOR SALE OR TRADE.

FIVE-ROOM BUNGALOW—Modern (except heat), garage, etc. Located in best residence district. Would trade for improved farm. E. D. Millsap, Fayetteville, Ark.

FOURTEEN LOTS—In town of Summit. Some vacant, others have houses, barns, orchards and outbuildings. Price \$1,200. For particulars, write T. J. Seay, Summit, Ark.

INQUIRIES

C. H. Newton, Kilgore, Texas, interested in Arkansas land suitable for raising cattle and hogs, especially hogs. Prefers western part of state, possibly Newton or Montgomery Counties. No low or swampy land considered.

Chas. I. Hufford, 223 East North Water Street, Chicago, Ill., interested in improved and unimproved land, from 100 to 200 acres, on main highway in Ozark Mountain region. Describe fully.

Ira Hufford, 223 Robey Street, Chicago, Ill., interested in small, cheap wild land on good highway.

J. E. Kauntz, 409 Seminary Street, Kansas City, Kans., interested in N. W. Arkansas farms that will raise all kinds of fruits and grain.

E. J. Woolworths, Gibbon, Nebr., seeks location for handle factory in good town near plentiful supply of hickory and ash timber.

O. C. Blankenship, Island Lake, Wis., desires to move to Arkansas, interested in farming.

H. M. Lee, Chillicothe, Ill., wants to buy land for investment, along some river.

Walter Young, 2715 Curtis Street, East Chattanooga, Tenn., wants to buy good farm, good for hog raising and poultry. Would like to have orchard on farm. Must be in healthy locality, no malaria. Would like to hear from some one at once.

H. L. Wilson, P. O. Box 64, Ash Fork, Ariz., interested in Arkansas. Has income property he wishes to trade for Arkansas property. If interested, write.

Emmet Johnson, Route No. 1, Joice, Ia., wants to buy not less than 160 acres timbered land with about 10 acres in cultivation. Interested in north central part of the state.

Ben F. Hamilton, Route No. 7, Waco, Texas, desires to purchase stock farm. Seeking all information possible.

A. Beaton, Port Elgin, Ontario, Canada, interested in improved or partly improved farms in middle south of Arkansas. Desires to make Arkansas home. Seeking all information possible.

N. B. Gough, 209 S. Pine Street, Ponca City, Okla., of Gough Sheet Metal Works, is interested in Arkansas land.

Fred O. Clark, Hannibal, Wis., interested in Arkansas as future home. Seeking all information available.

FARMS FOR SALE AND EXCHANGE.

WILL EXCHANGE—Furniture and fixtures of 20-room modern hotel located on Main Street, Little Rock, for unencumbered farm near Little Rock or Conway. Hotel is first-class and doing a good business. Income over \$500.00 a month. When answering give full description of your farm. Black Collier, Room 151, State Capitol, Little Rock, Ark.

WANTED CHEAP FARM—Prefer on good highway or good river land. Would consider mountain land. I have \$400 to pay cash. W. D. Bross, 323 South Roby St., Chicago, Ill.

20 ACRES—One and fourth mile of Leslie on railroad. No improvements, a good truck or poultry farm. Will trade for a good car, no gain considered, or \$200 cash. T. J. Seay, Summit, Ark.

FOR SALE—120 acres good timber, oak, hickory, gum and pine. In health, must sell. Nine miles west of Fordyce, two miles from railroad. Quote price. J. B. Peterson, Route No. 2, Box 222, Partagenville, Mo.

54 ACRES—In North Arkansas, on state highway for sale. Write for particulars. T. L. Wood, Winchancey, Ark.

WANTED—A cheap place, two or three hundred acres, improved or unimproved. Would like place on Ozark Trail or main highway, but would consider others on good road. Price \$50 to \$1,000. Describe fully advising if any fruit, springs, timber, etc. Chas. I. Hufford, 223 East Water St., Chicago, Ill.

160 ACRES—15 in cultivation, 5 acres young orchard, spring, running water, on public road, will sacrifice for quick sale. J. McKinzie, Route 1, Lydalisk, Ark.

20 ACRES—8 acres in cultivation, balance timber, three-room house, all outbuildings, spring water in yard. Close to state highway, 15 miles north of Clarksville. Price \$300, half cash, balance terms. Oliver Warren, Ozone, Ark.

100 ACRES—30 in cultivation, balance in good timber. Two sets of improvements, small orchard. Three miles west of Delaplane, Ark. Close to school and church. Price \$3,500. Good terms. W. F. McGahan, Piggott, Ark.

80-ACRE OZARK FARM—25 in cultivation, balance timber. Log house, barn and smokehouse; 165 bearing apple trees, pears, cherries and peaches. 1/4-acre strawberries. Mile to school and church. Three miles to Winiford. Will trade for town property in Northwest Arkansas. Take truck as part payment. Charles Phillips, Winiford, Ark.

150 ACRES—75 in cultivation. Four-room house, barn, both new. On public road. Would trade for 10 acres bottom land well improved or fruit farm in Northwest Arkansas. Must be close to school. Price \$5,000. Willie Hinson, Myron, Ark.

160 ACRES—Fruit and stock farm. Plenty good water. Six miles St. Paul. Price \$10 per acre. Geo. Pevler, St. Paul, Ark.

96 ACRES—8 in cultivation, balance timber. Four-room house, cistern. One mile to school and church. Close to highway. Price \$1,000. Miss Jennie Clack, Calico Rock, Ark.

120 ACRES—60 in cultivation, balance good timber. Good buildings, well improved. Close to State Highway No. 9. Near school and church. Price \$1,500, half cash, balance a time loan. Kenneth Greene, Wheeling, Ark.

40 ACRES—One-third bottom, four-room house, good cellar, orchard. All stock farm tools, canned fruit, potatoes, cotton seed, hay, corn, cane seed, etc. Close to good school. Price \$950.00. J. F. Jensen, Gilham, Ark.

FOR SALE OR TRADE—My equity in 120 acres one and fourth miles to railroad town. Want forty to sixty acres well improved. Prefer St. Paul, Ark., or neighboring towns. For particulars, write Mrs. E. Henderson, 1000 East 8th St., Kansas City, Mo.

160-ACRE—Modern dairy farm; 100 in cultivation, balance good pasture. Six room house, modern dairy barn, two good springs, one with milk house enclosing it. Located in Ozark fruit region. J. G. Center, Route 1, Box 59, Winslow, Ark.

160 ACRES—Four-room house, cellar, barn, poultry houses. Half-mile to school and church. Three miles of Brentwood. For immediate sale, \$1,500. M. C. Howell, Route 2, Box 61, West Fork, Ark.

20-ACRE FRUIT FARM—10 acres apples, bearing, five acres young orchard, peaches, berries and other fruits. All fenced. Good six-room house and outbuildings. T. J. Griffith, Pea Ridge, Ark.

67 ACRES—8 in cultivation, balance timber. Three-room house, barn, small orchard. Near school store, and post-office. Price \$400, \$450 on time. J. M. Graves, Mt. Levi, Ark.

81 1/2 ACRES—In Ozarks; 60 in cultivation fine fruit and farm land. Close to state highway and good markets. S. J. Greene, Wheeling, Ark.

FOR SALE—40 acres, 12 in cultivation; three-room house, everflowing spring in yard. Young orchard, apples and peaches. Good outbuildings. \$700, \$350 cash, balance terms. Sidney C. Warren, Ozark, Ark.

148 ACRES—55 in cultivation. Good five-room house. Located near Princeton. Price \$1,500 cash. Harvey Mix, De Roche, Ark.

142 ACRES—45 in cultivation; two pastures. Good orchard peaches, apples, cherries five miles from Fayetteville. School house on farm. Large spring supports tomato factory. A real bargain. Mrs. L. R. Collins, Route 1, Fayetteville, Ark.

THREE FARMS FOR SALE—All improved. Close to schools. Will sell stock, farming tools if sold at once. Give possession any time. For particulars, write G. W. Sullivan, Route 3, De Queen, Ark.

115 ACRES—6 in cultivation. Five-room house, barn and chicken house. Young orchard. Close to school and church. Three and one-half miles to railroad. Geo. W. Gerren, Carlisle, Ark.

OZARK FARM—Fine for dairy, grain or stock. Will sell cheap or would exchange for small farm or country store. S. K. McMullen, P. O. Box 125, Conway, Ark.

160 ACRES—Well improved land 3 miles north of Brentwood; one-half mile to school. Ideal poultry or stock farm. Price \$1,500. Mrs. E. M. Howell, Route 2 Box 61, West Fork, Ark.

THREE GOOD FARMS—Two 160 acres well improved, and one 80 acres; house, barn and outbuildings. All three farms have free range. For particulars, write J. W. Shaver, Five Mile, Ark.

MOUNTAIN FARM—79 1/2 acres; 80 acres government land adjoining can be homesteaded if wanted. Will sell stock, harness, wagon, farming tools, feed, if desired. Andrew Melson, Dale, Ark.

40 ACRES—Five acres new strawberries. Four-room house, barn, team of mules, wagon and harness. Cash \$2,300, if sold at once. Asa Robbins, Judsonia, Ark.

80 ACRES—12 in cultivation, good orchard; 1/2-mile of big cannery factory. House, barn, other outbuildings. One mile to state highway. Price \$600; \$400 down and balance in two years. Geo. W. Selbert, Pitkin, Ark.

80 ACRES FOR RENT—65 in cultivation. With or without tools. If interested, write M. J. Blakely, Grannis, Ark.

FOR RENT 20 1/2 acres adjoining city limits of Fayetteville, near University. Seven-room house, lights and water; modern dairy barn, chicken house; good land for truck and berries, \$50 per month. Charles Gay, Fayetteville, Ark.

LARGE TIMBER TRACT—Virgin timber; improved farm land at real bargains in the Ozarks. Cash or terms. H. H. Strong, Mt. Judea, Ark.

FAULKNER COUNTY FARM—On Heher Springs-Conway Highway, 18 miles from Conway, one-half mile from Naylor, with school, church, gin and several stores; 82 1/2 acres, 31 in cultivation, 50 in meadow. Ideal dairy and poultry farm. Good house, garage, poultry house, barns. Orchard with grapes, strawberries, pecan trees. Buy direct and save. Price \$5,000 and would give terms. Edward L. Fanks, Route 1, Vienna, Ark.

40 ACRES—Small house, barn, chicken house, spring near house; 1 acres in cultivation, suitable for poultry or stock farm; 1/2 miles northeast of Rogers, 3/4 miles from highway, \$25 per acre. W. H. Albright, R. F. D. No. 6, Rogers, Ark.

FOR SALE—Higginson, Ark., 20 acres, improved, 14 acres in cultivation. On two railroads near depot, fine shipping point. Good for strawberries, potatoes, corn and cotton. Good school and churches. Jake Fisk, Box 395, Little Rock, Ark.

80 ACRES—40 in cultivation, balance in pasture. Four-room house, barn, chicken house, spring water; 6 miles from railroad in the Ozark fruit belt. Price \$2,000. Also 20 acres, 2-room house, well, small barn, fenced, some fruit trees, 1/2-mile of school. Price \$400. A. J. Wiles, R. F. D. No. 2, West Fork, Ark.

37 ACRES—Mississippi County, rich soil, in cultivation, 3-room house, outbuildings, fine water, two good roads, 1 1/2 miles to hard surface road, 1 mile to school and church, 1/2 miles to county seat. Peach orchard, other fruits. Good drainage; ideal home. Price \$125 per acre, one-half cash, balance terms if wanted. B. W. Faurest, Route 2, Box 125, Blytheville, Ark.

202 ACRES—100 bottom land, 65 in cultivation, other good timber land, 5-room house, well paved and papered; smokehouse and barn, well water, ever-flowing spring orchard runs through farm. Ideal for stock and hay farm. Nine miles to railroad, good road, also country store for sale. Price \$4,000 for farm, \$2,000 down, 4 years time on balance at 6%; no trades. J. E. Giles, Archey, Ark.

FOR EXCHANGE—Farm near Pocahontas, on highway, for general merchandise or hardware. Also Bates Steel alone Tractor, three 14-inch plows, John Deere Linder, all in first-class condition. Will sell or exchange separately. Clifford Price, Pocahontas, Ark.

100 ACRES—120 upland, balance rough; good timber, springs; 7 miles station; 15 acres in cultivation, more cleared in pasture, 50 acres fenced, 3-room house, outbuildings, 5 acres orchard. Public road, mail delivery. Might trade. John McKinzie, Route 1, Lydansk, Ark.

120 ACRES—1 1/2 miles railroad town in Northwest Arkansas. Would like to trade equity for smaller farm in same locality, or near St. Paul, Ark. Mrs. E. Henderson, 1000 E. 8th St., Kansas City, Mo.

100 ACRES—Cut-over land, 1 1/2 miles Otwell, Ark. Suitable for rice or dry farming. Small payment, easy terms. Walter Bross, Cherry Valley, Ark.

10 ACRES—In the Ozarks, fine fishing and hunting, 6 miles from Edgemont; 2 miles from Brewer. Mrs. Kate Wall-fair, Brewer, Ark.

62 1/2 ACRES—For sale or exchange for smaller place. Productive land, 50 acres in cultivation, balance timber, good springs and wells, 5-room house, outbuildings, near state highway, close to school and church. Bargain, with terms, or take a car. Selwyn Miller, Route 1, Winthrop, Ark.

80 ACRES—Will sell altogether or in two separate farms. Seven-room house with tenant house. Good barns and orchards. Mile wire fence; 50 acres in cultivation, 30 acres timber. Eight miles south of Hot Springs. J. W. Burch, Route 1, Hot Springs, Ark.

80 ACRES—In Sharp County, 1 1/2 miles to state highway, 3/4 miles to school; 35 acres cleared, good for cotton and corn. On creek. M. R. Hill, Route 2, Box 7, Ravenden, Ark.

550 ACRES—220 in cultivation, 3 houses, 6 barns, 2 wells, 1 cistern, good orchard, on Strawberry River. Mile to school, on public road, near highway. Good timber, limestone land, red clay subsoils. Terms on part payment. Can be sold in one or divided in three and sold separately. A. C. Hansen, Love, Ark.

90 ACRES—Lawrence County, under fence, cross fenced, good house, large barn, fine orchard, blacksmith shop, well water, cistern and ever lasting creek; 25 acres valley land; 60 cleared. \$1,500.00, with terms. J. G. Wells, Black Rock, Ark.

FOR SALE—A few farms in Arkansas; ideal for fruit and poultry, taken over through foreclosure. Must be turned to owners anxious to develop. Will take substantial loss. Priced for immediate sale. Bankers Mortgage Company, 114 West 10th St., Kansas City, Mo.

80 ACRES—Howard County, good farm and fruit land, in peach section, near largest peach orchard in world; two sets houses, well improved. Priced to sell. D. R. Weaver, Dierks, Ark.

3 ACRES—4-room house, outbuildings, 1-acre orchard, two acres grass. Fine for poultry, strawberries or grapes. On state highway, 4 miles county seat, good school and churches. Price \$1,000, with terms. J. C. Brown, Bellefonte, Ark.

280 ACRES—Well improved, will sell, trade or rent for 5 years. Will sell timber if taken before Jan. 1.; 80 acres in cultivation, practically level. Plenty of fruit, free range. Close to town, school and church. Would trade for clear western property. Mrs. Harriett L. McCoy, Pettigrew, Ark.

10 ACRES—Good for truck and poultry. On highway between Little Rock and Hot Springs. Near high school, one-fourth mile of town. \$30.00 acre. Mrs. N. L. Hill, Traskwood, Ark.

40 ACRES—Valley bottom land. Will exchange for used car. James Willson, Box 66, Williford, Ark.

OZARK FRUIT AND STOCK FARM—80 acres, rich bench land, slightly improved, one mile from church and school. Mail delivery; 3 miles from town and highway. P. L. O'Bryan, Brentwood, Ark.

117 ACRES—1½ miles of Bradford, on highway; 40 in cultivation; 8-room house, outbuildings, 7 acres strawberries; 2 wells. Trade for property in Fayetteville. E. L. Randell, Bradford, Ark.

98 ACRES—Improved, good land, mile of Bearden, good community, ideal for home. Priced to sell. O. W. Koontz, Bearden, Ark.

60 ACRES—Creek bottom and ridge. Will give rent free to get 10 acres cleared, also first crop. W. T. Jones, Route 1, Lefe, Ark.

1,600-ACRE PLANTATION—\$5,000 down; \$1,200 a year; no interest first 5 years. Good soil, mild winters. Must sell. Mrs. Elliott, 326 Walnut, Pine Bluff, Ark.

MISCELLANEOUS.

FOR SALE—Or trade, first-class Gearheart knitting machine. Will include several pounds of wool yarn. Henry Case, R. F. D. No. 2, Mt. Home, Ark.

FOR SALE—Folding lever action saw; good condition. \$25.00. Henry Case, R. F. D. No. 2, Mt. Home, Ark.

WANTED TO BUY—350 bu. Porto Rico Yams. 200 bu. Nancy Halls. Not smaller than 1½ inches nor larger than 2½ inches in diameter. Quote price, send sample. Milligan Bros., Tuckerman, Ark.

NURSERY STOCK—Trees of all kinds and ages, plants and vines of all kinds. Inspected by State and guaranteed. Reasonable prices. Hoobs Bros. Nursery Co., Route 4, Siloam Springs, Ark.

WANTED PEAS AND BEANS—All varieties cow peas, any quantity. Send sample, state quantities and quote prices. C. H. Appel Commission Co., 409 Merchants Exchange, St. Louis, Mo.

HONEY—For sale. Best strained honey delivered any railroad station in Arkansas, fifteen cents per pound. Single ten-pound pails delivered parcel post 22½ cents. Mail check with order. Holton Lumber Co., Knobel, Ark.

WANTED—Information or get in communication with Insulator bracket manufacturer in Arkansas. Benj. F. Gravely, Box 209, Martinsville, Va.

TRIPLEX AUTO KNITTER—Slightly used, quantity of yarn, \$40 cash, or equal value in seed, stock, furniture or any kind of merchandise. Raymond Wetherbee, Route 3, Fort Smith, Ark.

SURE CURE—For dogs that have running fits. Dr. V. J. Andre, Osceola, Ark.

FOR INFORMATION—Regarding a small farm in the Ozarks for your home, write for prices, and full particulars. I. E. Hawley, Box 40, St. Paul, Ark.

FOR SALE—Quilt blocks. Also one Triplex Auto Knitter, good as new. Mrs. A. Z. Brown, R. F. D. No. 1, 342 Vineyard Ave., Hot Springs, Ark.

APPLE PEDDLERS—165 bu. Lady Pippin apples. \$1.00 pre bu. Roy Schreier, Centerton, Ark.

BLACK WALNUT LOGS—Oak, ash, cherry, dogwood and persimmon logs also. Quote prices. Wilburn Jackson, Pfeiffer, Ark.

WANTED TO BUY—Walnut, Oak, Ash, Hickory logs and sawed lumber. Holcombe Rubber Co., Inc., 9 Hanover St., Cor. Beaver, New York City, N. Y.

FOR SALE—Home grown sage, 25c per package. M. L. Taylor, Wideman, Ark.

STRAWBERRY PLANTS—All kinds and any quantity desired. Also onion plants, cabbage plants, rhubarb roots, sweet potato plants, asparagus roots, price list in colors free. J. A. Bauer, 47th Year in Business, Box 38, Judsonia, Ark.

WANTED—Logs of all kinds in lots of one or more carloads on railroads and rivers. C. W. Towsley, 4007 Prytania St., New Orleans, La.

ORPHAN CHILDREN—Do you want a home in the Ozarks? Old couple living alone on a farm wants an orphan girl, or brother and sister, between eight and 12. Would be clothed and educated as our own. For further information, write J. Bodine, Swain, Ark.

FRUIT TREES—Year-old apple trees. Red Delicious, Stayman's Wine-Sap, King David, Grimes Golden, and all leading varieties. State inspected. Shipped by prepaid parcel post or express, 20c each. Concord Grape vines, 5c each. Geo. W. Vansandt, Garfield, Ark.

FOR SALE—Fruit trees, grapevines and small fruit plants. Fancy varieties of cherry and plum trees. Apple grafts to order. Write for prices. Lankford Nursery, Bergman, Ark.

PURE HONEY—From Ozark's flowers and honeydew. 25c per lb., in 10-lb. quantities or over; 30c for less than 10 lbs. O. W. Francis, Bldville, Ark.

PILLOW CASES—Home-made and hand-embroidered, made from good quality tubing, \$1.75 to \$2.50 per pair. Also hand-made handkerchiefs, 75c to \$1.25 each. Etta Francis, Bldville, Ark.

DRIED APPLES—Choice. Sample free. J. L. Bryan, West Fork, Ark.

BACHELOR FARMER—Wants to share-crop (truck gardening and feed crops) for term of years, on 20 to 40-acre upland or creek farm. For further particulars, write Raymond Wetherbee, Route 3, Box 85, Fort Smith, Ark.

FOR SALE—Wheel chair, \$18.00. Practically new Oliver Typewriter, \$40.00. Typewriter desk, \$18.00; express prepaid. James Wilson, Williford, Ark. Box 66.

FOR SALE—2,500,000 feet hardwood timber; 10,000-capacity sawmill, six mules and truck, in White county, two miles from railroad, \$5,500.00. Other timber lands for sale. G. W. Keatley, Dumas, Ark., Box 174.

SHIRUBS, BULBS AND PLANTS—Post-paid, none sent out of state. 35 for \$1.00, no two alike. Mrs. B. E. Shreve, Des Arc, Ark.

ABOUT THE OZARKS—Prompt attention given inquiries about fruit, truck, dairying, poultry farms; also small and large farms for general farming. Information free. Box 254, Siloam Springs, Ark.

WANTED—A good one-horse planter. Have popcorn, black walnuts, hickory nuts and pure grapejuice to exchange for Spanish peanuts. B. A. Crane, Springdale, Ark., Route 2, Box 147.

RENTER WANTED—For 40 acres; 4-room house, good water, free wood. J. E. Cole, Ogden, Ark.

WANTED—Good farm to operate on profit sharing basis for 1927. Years of experience, can handle men as well as stock. No proposition too large. G. D. Landes, Box 952, Ponca City, Okla.

WANTED—Shelled pecans. Please quote price per lb. Ransom Rice Jr., 7140 Normal Boul., Chicago, Ill.

FORMULAS—To make hens lay, prevent chicken cholera. Price \$1.00. Also how to mix a compound for radiators, rubber cement, auto polish, etc. Price \$1.00. H. W. Carter, Route No. 1, Harmony, Ark.

FOR SALE—One Simmons magneto, for four-cylinder engine. Good condition, price \$8.00. E. G. Turman, Knobel, Ark.

FORDSON TRACTORS—Slightly used. Motors overhauled, prices reasonable. If interested, write S. Fitzhugh, Augusta, Ark.

FOR SALE—Black walnuts and hickory nuts. Twenty pounds, 75c; shipped by express in Jumbo baskets. Money with order. Geo. W. VanSundt, Garfield, Ark.

WANTED—To rent land for three-year contract near Fort Smith. Will raise hogs on halves. For particulars, write Sam Arms, Bear Creek, Ark.

FOR SALE—All kinds of shrubs for beautifying yards and lawns, for prices and full information, write F. W. Warner, Peel, Ark.

WANTED—To hire on farm or timber work until I can locate and buy a farm suitable for home. Fred Harker, Box 136, Woodward, Iowa.

DOGS.

FOR SALE OR TRADE—Registered English Pointers, 8 months old. \$15.00 to \$20.00, or will trade for good shotgun or rifle. R. C. Tolbart, Gentry, Ark., route 2.

HOUND PUP—Five months old, brown color. Price \$5.00. A. B. Hill, Traskwood, Ark.

FOR SALE—Three bld dog puppies and one well trained bird dog. Pointers. Clarane Coffelt, Centerton, Ark.

FOR SALE—500 bushels good quality oats, 80c per bushel. In lots less than 10 bushels; 75c for larger quantities. F. O. B. John Whitaker, Prairie Grove, Ark.

COTTON SEED—Mebane, \$1.00 per bu.; Kasck, \$1.10 per bu.; germination, 89c. F. P. Owens, Bingen, Ark.

PEAS—Whip-poor-wills and Blacks at farmers' prices. L. W. Owens, Bingen, Ark.

COTTONSEED—Kasck, a good cotton germination, 91 per cent, price \$1.00 per bu. L. W. Owen, Bingen, Ark.

COTTON SEED—Mebane and Kosh, \$1.00 per bu. White Spanish Peanuts, \$1.75 per bu. L. W. Owens, Bingen, Ark.

FOR SALE—Carload of corn, 75c per bushel, delivered on car. S. Fitzhugh, Augusta, Ark.

MUNG BEANS FOR SALE—About 4,000 pounds, took first prize state fair. Write for prices and particulars how to plant. Gordon Steed, Box 232, Star City, Ark.

WANTED TO BUY—New crop Laredo Soy Beans, Biloxi, Va. Soy or Mung Beans and Crowder or Whippoorwill Peas in carload lots or less. Binding-Stevens Seed Co., Tulsa, Okla.

LIVESTOCK FOR SALE AND EXCHANGE.

FOR SALE—Herd of Registered Jerseys, 21 head, 10 milking. Oxford and Flying Fox Strain. H. A. Schoepel, Berryville, Ark.

REGISTERED YORKSHIRE HOGS—Fine for dairy farm. H. A. Schoepel, Berryville, Ark.

ANGORA GOATS FOR SALE—Full blood bucks, any number desired. Johnson Bros., Mayfield, Ark.

WANTED TO BUY—Full blood Duroc Jersey hogs. Quote prices. J. M. Ratcliff, Beebe, Ark.

HOGS.

DUROC MALE—Sixteen months old. Robinhood Jr., registration number, 563873, also registered pigs four months old. S. M. Beane, R. F. D. No. 1, Harrison, Ark.

ANGORA BUCK—One year and three months old, \$10.00; 15-16 pure; one kid four months old, price \$3.50. F. O. B., Prairie Grove, Ark. R. L. Whitaker, Prairie Grove, Ark.

DUROC JERSEYS—Choice ten weeks' old pigs, out of large litters, either sex, while they last, only \$10.00 each. Extra fine bred gilts, will farrow in February; also young service boars, pedigrees furnished with each hog. Priced reasonable. Plain-View Stock Farm, Marmaduke, Ark.

JERSEY COWS AND HEIFERS—Will freshen in December and January. Price \$65.00 to \$85.00 each. Write for particulars. Plain-View Stock Farm, Marmaduke, Ark.

FOR SALE—One three-year-old Angora buck, registered. Chas. W. Cabe, Lake City, Ark.

HAMPSHIRE PIGS FOR SALE—\$10 to \$12.50 each. Three months old, \$12.50 to \$15.00. L. W. Owens, Bingen, Ark.

JERSEY MALE—Three weeks old, full-blooded. From splendid milking strains. Price, \$12.50. Would exchange for White or Brown Leghorn, Anconas, Speckled Hamburg, Rhode Island Reds or Barred Rock hens. Mrs. Hattie Crane, Springdale, Ark., route 2.

JERSEYS—11 head, registered; record of merit up to 600 lbs. fat. Eminent and Noble of Oakland breeding. \$1,100.00. Charles Gay, Fayetteville, Ark.

FOR SALE—Dairy herd of 19 head, two horses, separator, milk bottles and cases for \$1,800.00 cash. Charles Gay, Fayetteville, Ark.

FOR SALE—Reg. big type Poland Chinas. Three litters of nine, 10 and 11. Price \$15.00 each. Registered in purchaser's name. John Carolan, Booneville, Ark., route 3.

FOR SALE—Three pet raccoons, about half grown. Price \$25.00. Henry Wilson, Dabney, Ark.

FOR SALE—Registered Holstein Bull and pure bred cows and heifers. Priced to sell. W. W. Stewart, Booneville, Ark. Route 4.

HOGS—Registered Hampshire male, 1 1-2 years old, male pigs, four and five months old. Pigs two months old, \$10.00 each. F. P. Owens, Bingen, Ark.

FOR SALE—Carload Jersey Cows and heifers. Wm. Pettyjohn, Hardy, Ark.

REGISTERED SHORTHORN BULL—Dark red, matured, excellent breeder. Very gentle. Need to sell or exchange to avoid inbreeding. Prefer one of the milking strain. A good calf would suit. C. L. Mock, Ingram, Ark.

FOR SALE—Duroc Jersey sow, bred for second litter, full blood, a good breeder. Also Hampshire pigs, two and three months old, price \$10.00 to \$15.00; all full blood. L. W. Owens, Bingen, Ark.

FOR SALE—Registered male jersey calves. Ham Greig, Van Buren, Ark.

FOR EXCHANGE—Pair registered Poland Chinas, five months old; either male or female; for a pair male and female, no relation, of good breeding and about the same age. John Whitaker, Prairie Grove, Ark.

FOR SALE—Seven, grade, Toggenburg nannies, three milking, others will soon freshen. Price \$70.00 for the herd. Milking nannies \$15.00 each, if sold separately. John Whitaker, Prairie Grove, Ark.

STRICT NURSERY INSPECTION ENDORSED.

At a meeting of the State Horticultural Society at Rogers, December 15 and 16 the nursery inspection work, as conducted by the State Plant Board during the past season, was discussed, and endorsed. Among the speakers were: G. M. Lincoln, Bentonville, president of the State Plant Board; E. N. Plank, Decatur, fruit grower and member of the legislature from Benton county; W. M. Moberly, nurseryman of Sulphur Springs, and Paul H. Millar, chief inspector of the State Plant Board, Little Rock.

Mr. Lincoln said that about 59,000 nursery trees had been destroyed by inspectors of the State Plant Board this year, and as many more had been treated by the nurserymen under supervision of inspectors. Most of this was done on account of the San Jose scale, an insect pest which has in the past ruined many fine orchards and is now taking a heavy annual toll of the fruit trees of the state.

With no infested or diseased nursery stock allowed to be sold, the farmer or orchardist who buys fruit trees starts out with the clean stock to which he is entitled, even though his trees may become affected later on.

It was pointed out by Mr. Lincoln that although it was found necessary to destroy such large quantities of nursery trees, over 95 per cent was found to be in such good shape as to need no treatment of any sort.

Mr. Plank stressed the importance of inspection work with special reference to the crown gall disease of fruit trees. He said that many diseased trees have been sold in the state, to his personal knowledge, in spite of the inspection laws, and urged a stricter enforcement of the nursery laws for the protection of orchardists and fruit growers. He called attention to the fact that any shipment of trees would be inspected by the State Plant Board on request, and gave instances of the destruction of shipments following such inspection and urged purchasers of nursery stock to take advantage of this service for their own protection.

Following the discussion, both the State Horticultural Society and the Arkansas Nurseryman's Association, which was also meeting at Rogers, went on record as favoring a strict inspection of nurseries by the State Plant Board.

INSPECTION OF FRUIT TREES ON ARRIVAL.

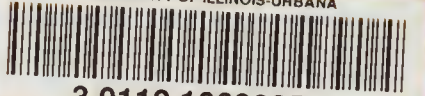
We are instructing a large number of freight and express agents in Arkansas to hold all fruit trees received by them, whether shipped from Arkansas points or from points outside of the state, until they can be inspected by an inspector of this board. This is in order to put a stop to the shipment of diseased and infested trees under the board's certificate of inspection.

However, if there is a shipment of nursery stock on which you wish inspection, do not depend on this, as owing to our small force of inspectors, many shipments will have to be released without inspection. On arrival of the shipment at your station, notify us immediately, by wire at our expense, if necessary.

Remember, it is impossible in most cases to enforce a claim for diseased or infested trees against a nursery after the trees have been set out.

Paul H. Millar,
Chief Inspector,
State Plant Board.

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